Volume:
1990
Spring Semester
2nd Edition

SCHEDULE OF CLASSES

The University of Maryland College Park Campus

Second Edition, Spring 1990

SELL US YOUR BOOKS

The official University of Maryland Bookstore that's much more than a bookstore.

- New and Used Textbooks • General Books
- Office and School Supplies • Art & Drafting Supplies
- Full line of Imprinted Maryland Items
- Groceries & Much More!

We're Your One Stop Campus Shop

STORE HOURS

M-F 8:30 am - 7:00 pm
Sat - Sun 12 noon - 5:00 pm

454-3225

Visa and Mastercard accepted.
WE NOW WELCOME THE AMERICAN EXPRESS® CARD.

UNIVERSITY BOOK CENTER

Lower Level East
Stamp Union

★ ADVERTISING DIRECTORY ★

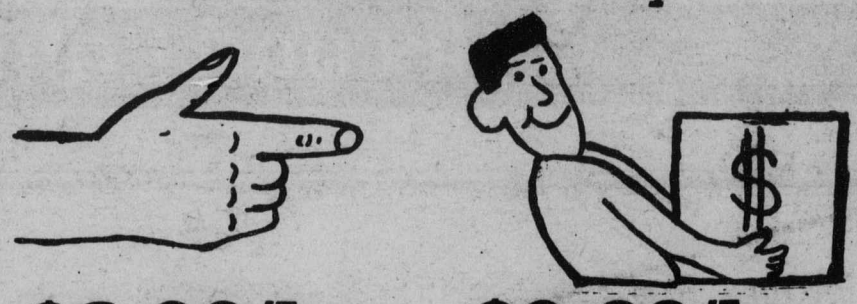
ADVERTISER	PHONE #	PAGE
Aaron Rents Furniture	937-1433	41
Air Force - ROTC	454-3242	40
Alpha Phi Omega Book Exchange	454-3308	49
Army	436-2077	39
Art Supply Warehouse	982-0744	41
Banana's	277-4500	3
Belcrest Plaza	559-5040	49
Beltway Plaza		47
Campus Recreation Services	454-3125	50
Campus Card		44
Campus Village Laundromat		42
China Cafe	277-3737	47
Computer Science Center	454-6030	42
Contact Lens Associates	277-6100	49
Dante's Pizza	345-3278	87
Eye Associates	345-2053	87
Famished Fanny's	474-2333	3
Food Coop	454-5868	48
Forever Young	209-0090	38
For Eyes	345-4505	41
Greenwich Woods	434-0025	46
Haagen Dazs	864-4000	51
Hair Stylery	277-1188	38
Hawthorne's Chicago Eatery	345-3161	38
Heritage Park Apartments	439-1207	40
House of Hunan	345-0500	46
Kelly Temporary Services	474-2830	39
King Rent A Fridge	565-8035	38
Kinko's Copies	277-7543	48
Mail Boxes Etc. USA	699-0191	43
Marines	436-2006	87
Maryland Book Exchange	927-2510	88
Montgomery College Extension Learning Svcs	294-8720	2
Montgomery County Service Corp	294-8720	40
Oakton Apartments	434-4303	48
Parkview Gardens	773-3230	47
Planned Parenthood		51
Plaza Towers	559-9100	86
Purple Pizza Shoppe	864-7900	38
Record & Tape Exchange	345-9338	38
Resident Life	454-5111	43
Riverdale Village Apartments	277-7050	47
Rivers Center Research	621-8686	51
Roadway Package Systems	725-3334	87
Soaps	779-9134	51
Sovran Bank	454-8412	42
Stamp Student Union	454-2807	39, 51
Stanley H. Kaplan	244-1456	43
Study Abroad Office	454-8645	85
Tan Venture	277-6464	38
University Book Center	454-3225	1
University Subscription Service		44
Video Village	345-0900	51
Wells Ice Rink	277-0654	38
Wings Over College Park	474-2973	2
Yogurt Jungle	441-3321	3

FOR ADVERTISING INFORMATION
PLEASE CALL 441-2006

RPS
ROADWAY PACKAGE SYSTEM

CALLING ON ALL MAJORS!
SPRING SEMESTER'S HERE!

Short on Cash Due to the Holiday?
Let RPS Lead the Way



$8.00/hr. to start — Beltsville (1am-6am)

$9.00/hr. after 90 days — Hyattsville (3:00am-7:30am)

- We're flexible! We offer different shifts and work with you to fit your busy schedule into ours.
- Advancement into part-time management positions is possible.
- Career opportunities after graduation exist with the fastest growing company in transportation.
- Orientation/application sessions are held regularly.

Apply Wednesday & Thursday at 7:30 pm

6510 Virginia Manor Rd.
Beltsville, MD 20705
(301) 725-3334

5470 Lafayette Place
Hyattsville, MD 20781
(301) 864-8011

PLACE FRIDGE MAGNET HERE

YOU'RE IN COLLEGE. WING IT.

CHICKEN WING STYLES:

Buffalo: The original recipe, with four temperatures.
"Kindling" — For the more delicate constitution.
"Blaze" — It's getting warmer.
"Bonfire" — We have ignition.
"Inferno" — Call 911!

Old West: Traditional BBQ spices and flavor.

Bayou: Authentic, spicy Cajun taste.

Chinatown: Our own superb Teriyaki sauce.

California: A perfect blend of honey and mustard.

Little Italy: A zesty mix of garlic and romano cheese.

East•West: Our own secret recipe; the house favorite.

Caribbean: Sweet and sour.

Chesapeake: Spicy hot with Old Bay Seasoning.

SIZES: (any style)

Squadron:	16 pieces	$5.25
Company:	32 pieces	$9.95
Wing:	48 pieces	$14.50
Fleet:	64 pieces	$18.75
Force:	Party Platter (25 lbs. & up)	$2.95/lb.

SIDE ORDERS:

Mozzarella Stix:	$3.25
Zucchini Stix:	$3.20
Mushrooms:	$3.20
Onion Rings:	$2.25
Steak Fries:	$1.95
Hot Fries:	$2.95
Sampler Platter:	$5.25

BEN & JERRY'S ICE CREAM: ..... $3.95 Pt. (all flavors)

BEVERAGES: ..... $.75
Coke, Diet Coke, Sprite, Diet Sprite, Lipton Iced Tea

GOURMET BUFFALO WINGS

WINGS OVER...COLLEGE PARK™

CALL 474-BYRD

Ask about our party platters & catering service

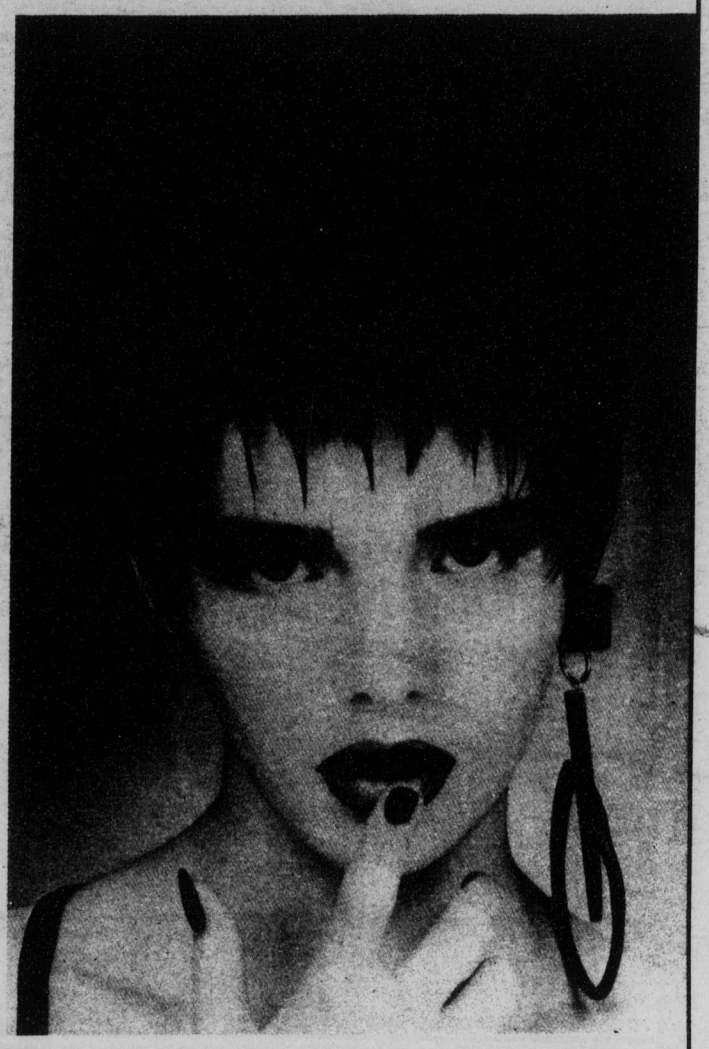
Eat In - BYOB
• Carry Out • Fast, Free Delivery • Catering

Store Hours: 11:30AM - 11PM Daily
Delivery: Mon-Thurs. 5PM - 1AM
Fri-Sat 5PM - 2AM • Sun. 5PM - Until Midnight
8145 Baltimore Ave. (Campus Village Shopping Center)

Come in & watch your favorite game on our Big Screen TV

BANANAS INCORPORATED

WHERE QUALITY DOESN'T COST ALOT!



HAIR DESIGN
277-4500

7417 BALTIMORE BLVD
COLLEGE PARK, MD

For the Finest and Freshest Food in Maryland . . .

WE NOW DELIVER!
Call Crusin Cuisine
345—3663
any time

Direct from L.A. — Ambrosia Lite
0% fat
0% cholesterol!

Yogurt Jungle
JUNGLE TERP
C·O·L·L·E·G·E P·A·R·K

Other frozen yogurts in the area have up to 40 calories & a gram of fat per oz.

Jungle Jumble
HAVE ANY & EVERYTHING MIXED *INTO* YOUR YOGURT!

- *Gourmet Hot Soups*
- *Fresh Garlic Bread*
- *Overstuffed Sandwiches*
- *Great Bagels & Salads*
- *Pita Pizza & Vegetable Melts*
- *Best Chicken Salad on East Coast!*

EXCLUSIVE!
TASTI D-LITE
ONLY 10 CALORIES PER OZ.
OVER 50 FLAVORS!

- *Caesar Salads*
- *Fresh Fruit Salads*
- *Homemade Cookies & Muffins*
- *Shakes, Smoothies, Colada's*
- *Freshly Carved Roast Beef*
- *Catering & Box Lunches Available*

EAT IN OR CARRY OUT
PHONE ORDERS ACCEPTED
FAX ORDERS — 441-3349
(For Faster Service Call Before 11 a.m.)

Campus Village Center
Route 1
College Park
Located Behind Town Hall Liquor
Across from McDonald's

— OPEN LATE —

441-3533

FREE YOGURT

Yogurt Jungle
JUNGLE TERP

Free Small Yogurt
with the Purchase of any
Sandwich or Salad of $3.00 or more

This Coupon Not Valid W/Any Other Offer
1 Coupon Per Customer Per Visit
Expires March 9, 1990

NOW THE BEST IS BETTER
WE DELIVER

Famished Fanny's
College Park

PIZZA & SUBS

FAMISHED FANNY'S
4909 Greenbelt Road
College Park, Md.

474-2333
(one block off Route 1
at Greenbelt Road)

OPEN 7 DAYS A WEEK
Sun. thru Thurs. 11 AM to 12 Midnight
Fri. & Sat. till 1 AM
$1.00 CHARGE PER DELIVERY
No Checks Accepted
DRIVERS & COOKS NEEDED
MONEY GREAT
Come in to apply

FAMISHED FANNY'S SUBS 474-2333
HOMEMADE BREAD

	Reg.	Lrg.
Steak	3.25	6.50
Steak'n Cheese	3.25	6.50
Steak'n Egg	3.25	6.50
Steak'n Mushroom	3.25	6.50
Steak'n Green Pepper	3.25	6.50
Steak'n Bacon	3.25	6.50
Pizza Steak'n Cheese	3.50	6.95
Veal Parmesan	3.25	6.50
Assorted Cheese	3.25	6.50
Ham'n Turkey	3.25	6.50
Tuna	3.25	6.50
Italian Cold Cut	3.25	6.50
Turkey	3.25	6.50
Turkey'n Cheese	3.25	6.50
Ham	3.25	6.50
Ham'n Cheese	3.25	6.50
Hamburger	3.25	6.50
Cheeseburger	3.25	6.50
Bacon Cheeseburger	3.50	6.95
Mushroom, Egg'n Cheese	3.25	6.50
Green pepper, Egg'n Cheese	3.25	6.50
Meatball'n Cheese	3.25	6.50

YOUR CHOICE OF AMERICAN, PROVOLONE, OR SWISS CHEESE

FROM FANNY'S FARM
MOST SUBS SERVED WITH LETTUCE, TOMATO, MAYO, ONION & PICKLE AT NO EXTRA COST.
HOT PEPPERS 15¢ EXTRA.

SPECIAL DELIGHTS

CHICAGO STYLE STUFFED PIZZA
A golden layer of fresh dough smothered under a blanket of seasoned meatballs, a triple-cheese melt of Provolone, Mozzarella and Parmesan, gently covered with another layer of dough and my homemade sauce and topped with a sprinkling of Parmesan cheese
Large: 11.75
EXTRA TOPPINGS: **1.25**

MEXICAN PIZZA
Features re-fried beans, special blend of Monterrey Jack and jalapeno peppers and black olives, nestled on my freshly baked dough and homemade sauce
Small: 7.65 **Large: 10.50**

FANNY'S FINEST
A Pizza with a little bit of everything
Small: 11.50 **Large: 13.50**

WHITE PIZZA
Layer of Fresh Homemade crust with butter, Provolone, Mozzarella & Parmesan Cheese, and Italian seasonings
Small: 6.30 **Large: 8.65**

VALUABLE

$1.00 OFF
A STUFFED PIZZA
(one coupon per person)
Schedule of Classes
Not valid with any other coupon *Expires April 29, 1990*

VALUABLE

$1.00 OFF
LG. ALL WHITE PIZZA
(one coupon per person)
Schedule of Classes
Not valid with any other coupon *Expires April 29, 1990*

VALUABLE

BRAND NEW

$1.00 OFF
A LARGE
VEAL PARMESAN SUB
(one coupon per person)
Schedule of Classes
Not valid with any other coupon *Expires April 29, 1990*

SPRING SEMESTER 1990

JANUARY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 NEW YEAR'S DAY	2	3	4	5	6
7	8 Spring '90 Second Edition Schedule of Classes Available	9	10	11	12	13
14	15 MARTIN LUTHER KING HOLIDAY	16	17	18 A R M	19 O R Y	20
21	22 R E FIRST DAY OF CLASS	23 G I S	24 T R	25 A T I	26 O N	27
28	29	30	31			

January 22 — Monday — First Day of Classes
January 18-26 — Thursday-Friday — Armory Registration
See page 6 for hours of operation

FEBRUARY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2 LAST DAY: Schedule Adjustment; Apply for May Graduation	3
4	5	6	7	8	9	10
11	12 Doctoral Student Deadline See Page 7	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

February 2 — Friday — Last Day of Schedule Adjustment
— Last Day to Apply for May Graduation

MARCH

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2 Masters Student Deadline See Page 7	3
4	5	6	7	8	9	10
11	12	13	14	15	16 Fall '90 Schedule of Classes Available	17
18	19 S P	20 R I N G	21 R E C E	22	23 S S	24
25	26	27	28	29	30	31

March 19-23 — Monday-Friday — Spring Recess

APRIL

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3 Fall '90 Early Registration Appts. Begin	4	5	6 Undergrad: last day to drop a course with a 'W' Grad: Last day to adjust schedule	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25 Doctoral Student Deadline See Page 7	26	27	28
29	30	31				

April 6 — Friday
— Last Day for Undergraduates to Drop A Course with a "W"
— Last Day for Graduates to Adjust Schedule

MAY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2 Masters Student Deadline See Page 7	3	4	5
6	7	8 Last Day of Fall '90 Early Registration	9	10	11	12
13	14 LAST DAY OF CLASSES	15 EXAM STUDY DAY	16 F	17 I N A	18	19 L
20	21 E X A M I N A T I O N S	22	23	24 COMMENCEMENT	25	26
27	28 MEMORIAL DAY HOLIDAY	29	30	31		

May 14 — Monday — Last Day of Classes
May 15 — Tuesday — Exam Study Day
May 16-23 — Wednesday-Wednesday — Final Examinations
May 24 — Thursday — Commencement

IF YOU FIND THE PRINT IN THE SCHEDULE OF CLASSES DIFFICULT TO READ, THE FOLLOWING RESOURCES ARE AVAILABLE ON CAMPUS:

HORNBAKE LIBRARY INFORMATION DESK—ASK FOR MAGNIFICATION LENS

HORNBAKE LIBRARY STUDY ROOM FOR THE VISUALLY IMPAIRED—(IN PERIODICAL ROOM, 2nd FLOOR) VISUALTEK MACHINE (MAGNIFIES PRINT) IS AVAILABLE. TO OBTAIN AUTHORIZATION FOR THE KEY TO ROOM CALL DISABLED STUDENT SERVICES, 454-5028.

SHOEMAKER BUILDING—VISUALTEK MACHINE IS AVAILABLE FROM DISABLED STUDENT SERVICES. STAFF ALSO OFFERS READING ASSISTANCE. CALL THEIR OFFICE AT 454-5028 FOR INFORMATION.

Frequently Called Numbers

DEPARTMENT	PHONE NUMBER
ADMISSIONS	454-5550
BURSAR'S OFFICE	454-4832
CAMPUS HOUSING	454-2711
COUNSELING CENTER	454-2931
DINING SERVICES	454-4106
GRADUATE ADMISSIONS	454-3141
GRADUATE RECORDS	454-5428
HORNBAKE LIBRARY	454-4737
McKELDIN LIBRARY	454-2853
REENROLLMENT	454-2734
REGISTRATION APPOINTMENT	454-7950
REGISTRATION INFORMATION	454-5559
STAMP UNION	454-2801
WITHDRAWAL	454-3031

SUMMER 1990

JUNE

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1	2
3	4 First Day of Summer Session I Classes	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

June 4 — Monday — First Day of Summer Session I Classes

JULY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6	7
8	9	10	11	12	13 Last Day of Summer Session I Classes	14
15	16 First Day of Summer Sesson II Classes	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

July 13 — Friday — Last Day of Summer Session I Classes
July 16 — Monday — First Day of Summer Session II Classes

AUGUST

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24 Last Day of Summer Session II Classes	25
26	27	28	29	30		

August 24 — Friday — Last Day of Summer Session II Classes

FEBRUARY 2nd IS THE LAST DAY TO:

- ADD A COURSE
- DROP A COURSE (WITHOUT A "W")
- CHANGE CREDIT LEVEL
- CHANGE GRADING OPTION
- APPLY FOR A MAY 1990 DIPLOMA
- PROCESS A LATE REGISTRATION

Table of Contents

REGISTRATION INFORMATION
- Calendar 6
- Frequently Called Numbers 4
- Graduate Registration Procedures 7
- Parking Registration 7
- Registration Dates and Schedule Adjustment Calendar 6
- Schedule Adjustment Procedures 6
- Undergraduate Registration Procedures 6

DEADLINES — FOR ALL STUDENTS — SEE PAGE 10
- Cancellation of Registration 10
- Candidates for May 1990 Graduation 10
- In-State Students 10
- Penalties for Drops During Schedule Adjustment 10
- Reclassification to In-State Status 10
- Summary of Spring 1990 Deadlines 10

FINANCIAL INFORMATION — FEE CHART SEE PAGE 11
- Billing Information 11
- Cancellation of Residence Hall and/or Meal Plan Agreement 12
- Fees for Spring 1990 11
- Financial Aid Information 12
- Refunds for Special Courses 12
- Refund Requests 12
- Stafford Student Loan (formerly GSL) Information 12
- Tuition, Fees and Other Expenses 11
- Withdrawal From the University — Procedures 12

GENERAL INFORMATION 13
- FINAL EXAMINATION SCHEDULE 13

ACADEMIC/ADVISEMENT INFORMATION 17
- College Locations & Deans 17
- College Organization Chart 17
- GRADUATE STUDENTS ACADEMIC INFORMATION 18
- UNDERGRADUATE STUDENTS ACADEMIC INFORMATION 18
  - Advanced Studies Approved Courses 22-24
  - Advising 18
  - Advisor Listing 18-19
  - Distributive Studies Approved Courses 21-22
  - Drop Period Policy 20

WHAT'S NEW AND INTERESTING 25
COURSE LISTINGS 27-77
CAMPUS MAP 45

For the purposes of the publication, the term University of Maryland refers only to the campuses existing prior to July 1, 1988. This includes the campuses at Baltimore, Baltimore County, College Park, Eastern Shore and University College.

Undergraduate Registration Procedures

IMPORTANT REGISTRATION DATES:

REGISTRATION & SCHEDULE ADJUSTMENT

THROUGH JANUARY 17	9:00-11:30	1130 MITCHELL BUILDING
WALK-IN	1:00-4:00	
JANUARY 18 & 19	8:45-11:45	RECKORD ARMORY
BY APPOINTMENT ONLY	1:00-4:15	
JANUARY 22-23	8:45-11:45	RECKORD ARMORY
BY APPOINTMENT ONLY	1:00-5:00	
LATE REGISTRATION ($20.00 FEE) BEGINS JANUARY 22nd		
JANUARY 24-26	8:45-11:45	RECKORD ARMORY
BY APPOINTMENT ONLY	1:00-4:15	
JANUARY 29-FEBRUARY 2	9:00-11:30	1130 MITCHELL BUILDING
WALK-IN	1:00-4:00	

APPOINTMENTS REQUIRED JANUARY 18-26 CALL 454-7950

NOTE: The University will be closed January 15th for Martin Luther King Day

WAITLIST CHECK-IN*

JANUARY 19-26	8:45-11:45, 1:00-4:15	RECKORD ARMORY
JANUARY 29-FEBRUARY 5	8:45-11:45, 1:00-4:15	1130 MITCHELL BUILDING

*Check your Waitlist form for initial check-in date.

SCHEDULE ADJUSTMENT PERIOD ENDS FEBRUARY 2, 1990 (4:30 p.m.)

NOTE: Newly admitted students MUST attend an orientation program, and will register at that time. Call the Orientation Office at 454-5752. Newly admitted students not attending orientation may NOT register until January 18th.

Walk-in Registration is available January 3 through January 17. See above chart for times and locations.

Registration appointments are required January 18-26.

Walk-in Registration is again available January 29-February 2nd.

Students on Academic Dismissal or Academic Warning at the end of the Fall 1989 semester are required to meet with an advisor prior to registering. Proof of advising will be required each time a change is made to the student's schedule. Students who do not meet with an advisor will not be allowed to register for the Spring 1990 semester. NOTE: All incoming freshmen, transfer and new graduate students are required to provide proof of immunization for measles, rubella, mumps and tetanus/diptheria. Contact the Health Centerm 474-6538 for details.

STEP 1 — REGISTRATION LOCATION

January 3-17 ..... 9:00-11:30 a.m., 1:00-4:00 p.m., Room 1130 Mitchell Building
January 18-26 (Appointment required) ..... Reckord Armory
January 29-February 2 ..... Room 1130 Mitchell Building

Please note: The University will be closed January 15 for Martin Luther King Day.

STEP 2 — REVIEW COURSE LISTINGS FOR RESTRICTIONS

Some courses are restricted. All course restrictions are indicated with the course in the COURSE LISTING section of this SCHEDULE OF CLASSES. See page 27, HOW TO READ COURSE LISTINGS, for information. Courses with (PermReq) to the left of the course listing indicates permission is required prior to registering for the course. Read the entire course listing for other restrictions. Some courses are open to majors only, others have GPA or cumulative credit requirements. Read course listings carefully to determine if the course is restricted. Students planning to request restricted courses must go to the department offering the course for authorization, unless the course is listed as "Majors Only" and the student is officially listed as a major in that department. (In that case it is not necessary for the student to obtain authorization.) Students should be sure they have authorization prior to their registration appointment time.

OTHER RESTRICTIONS:

1. 19 Credit Limit — To register for more than 19 credits, students must have written approval of their Dean.
2. Undergraduates Requesting Graduate Level Courses — Students must have written approval of their Dean.
3. Time conflicts are not permitted. Exceptions to this policy require written approval of student's Dean.
4. **Undergraduates requesting Pass/Fail grading method, see page 21 for policy.**
5. A student may register for a course NO MORE THAN THREE TIMES. A course dropped with a "W" notation will count as one of these three registrations. Each time a course is dropped with a "W" notation it will be counted as one of these registrations. Students who would like to register for a course more than three times will require permission from the Dean of their college.

STEP 3 — WHAT TO BRING

A. Undergraduate students readmitted or reinstated for the Spring 1990 semester

1. Bring letter of readmission or reinstatement to Registration.
2. Reinstated students MUST be advised by their Dean or designated representative prior to Registration. Proof of advisement is required. Readmitted students are strongly urged to take advantage of the advisement offered by their college and department prior to Registration.

B. Undergraduate students newly admitted for Spring 1990 who did not attend an Orientation program may not register until January 17th.

1. Take your "Offer of Admission" letter to the office of the Dean of your College for advisor assignment.
2. Report to the assigned advisor for course advisement.
3. After your "Offer of Admission" letter has been signed by the Dean or a designated representative, report to registration at your appointment time.

STEP 4 — COMPLETE REGISTRATION FORM (New Registrants Only) prior to entering the terminal area. Make sure you are eligible for all courses requested (Step 2). Registration Forms will be available at all College locations, department offices, Reckord Armory, and Mitchell Building.

CHECK CLOSED COURSE LISTINGS at Registration.

STEP 5 — PROCEED TO TERMINAL AREA where your registration will be processed. **Students must keep copies of their Schedule Request Form for their records.**

STEP 6 — HOW TO PAY YOUR BILL

January 16-17 ..... Room 1103 Lee Building
January 18-24 ..... Reckord Armory or 1103 Lee Building
January 25 and after ..... 1103 Lee Building

1. Process registration. Bills must be paid in full by 3:00 p.m. of the following business day or registation will be cancelled.
2. Complete the Student Bill Form given to you upon entrance to the Bill Paying Area.
3. Go to the Bill Processing Area to get bill added.
4. Make out your check at the Check Writing Tables. **Write student's name and social security number on the front of the check.**
5. Pay the Cashier.
6. A graduate student or part-time undergraduate who returns to add course(s) which result in a net increase to his/her account must pay this amount at the time of registration.

STEP 7 — OBTAIN ID CARDS/REGISTRATION CARDS after completing all transactions (see page 15 for ID card/registration card description). Students who need a Photo ID and/or semester registration card must present proof of bill payment at the Registrations Office, First Floor Lobby, Mitchell Building, 8:30 a.m.-4:30 p.m.

STEP 8 — PARKING REGISTRATION. See parking registration information on page 7.

Schedule Adjustment Procedures — through February 2

NOTE: Students on Academic Dismissal or Academic Warning at the end of the Fall 1989 semester are required to meet with an advisor prior to registering. Proof of advising will be required each time a change is made to the student's schedule. Students who do not meet with an advisor will not be allowed to register or make schedule adjustments for the Spring 1990 semester.

Schedule Adjustment locations:

January 2-18 — Room 1130 Mitchell Building — 9:00-11:30; 1:00-4:00
January 18-26 — Reckord Armory, Main Floor, Appointment required. See chart above for times.
January 29-February 2 — Room 1130 Mitchell Building. See chart above for times.

Note: The University will be closed Monday, January 15, 1990 for Martin Luther King Day.

The Schedule Adjustment Period is January 22-February 2, 1990.

A. TO ADD

Complete a Schedule Adjustment Form. Make sure you are eligible for the requested course (check Course Listings for restrictions.) Check Closed Course listings at Registration. Bring Photo I.D. and Registration Card.

B. TO DROP

Complete a Schedule Adjustment Form. Bring Photo I.D. and Registration Card. **January 22-February 2 — Look for express drop lines.**

C. TO PROCESS

1. SECTION CHANGE
   a. Complete a Schedule Adjustment Form. Bring Photo I.D. and Registration Card.
   b. After February 2, 1990 a Section Change Form should be used. A $4.00 fee will be charged.
2. GRADING OPTION CHANGE/CREDIT LEVEL CHANGE
   Complete a Schedule Adjustment Form.

THE ABOVE TRANSACTIONS ARE OFFICIAL ONLY WHEN THE STUDENT RECEIPT HAS BEEN VERIFIED WITH A REGISTRATION STAMP. STUDENTS MUST KEEP COPIES OF THEIR SCHEDULE REQUEST/SCHEDULE ADJUSTMENT FORM FOR THEIR RECORDS.

The forms necessary to complete the above Schedule Adjustments are available at the following locations:

Registration Counter — 1st floor lobby, Mitchell Building; Monday-Friday, 8:30 a.m. to 4:30 p.m.

Registration Center — Room 1130, Mitchell Building; Monday-Friday, 8:30 a.m. to 4:30 p.m.

Reckord Armory — January 18-26, 1990 according to published hours in chart above.

BILL PAYMENT PROCEDURES FOR STUDENTS WHO REGISTERED EARLY

Pay bill at the following locations:

January 16-17 — Rm. 1103 Lee Building
January 18-24 — Reckord Armory or Rm. 1103 Lee Building
January 25 and after — Rm. 1103 Lee Building

Note: The University will be closed Monday, January 15, 1990 for Martin Luther King Day.

Instructions:

1. Make any academic schedule adjustments.
2. Go to the Cashiers Window in the Lee Building and make your payment.
3. Any drop/add which results in a net increase for your account must be paid at the time of registration.
4. Any registered student whose bill is to be paid by an outside agency is requested to come to Room 1103, Lee Building with a copy of the Agency Purchase Order prior to Registration to receive contract credit. The cut-off date for acceptance of all contracts is January 22, 1990. The student remains responsible for fees if not paid by sponsor.

Students who registered early received a schedule and bill in the mail which indicated a payment due date. Since the University has no deferred payment plan, PAYMENT IN FULL MUST BE MADE NO LATER THAN THE DATE INDICATED. Students who register after January 12, 1990 must be prepared to pay their bills in full by 3:00 p.m. the following business day or their registration will be cancelled.

For additional information on fees and expenses, refer to page 11.

FINANCIAL AID CHECKS (Perkins Loan, PELL, SEOG)

Students may pick up their financial aid checks (after securing at least 12 credits) **ALL STUDENTS MUST MAKE AN APPOINTMENT TO PICK UP A FINANCIAL AID CHECK. APPOINTMENTS CAN BE MADE BY CALLING 454-4429.** All students must present proof of the required credit hours and their photo ID card or driver's license before a check can be disbursed.

Parking Registration Information

WHO??
All students who plan to attend the University during the Spring 1990 semester and who plan to park a motor vehicle on campus must register with the Department of Campus Parking (DCP) for a parking permit. If you purchased a UMCP-DCP parking permit during the Fall 1989 semester you do not have to register for a new permit. Permits issued during the Fall semester are valid through August 31, 1990.
PLEASE NOTE: FRESHMAN AND SOPHOMORE CAMPUS RESIDENT STUDENTS ARE PROHIBITED FROM REGISTERING FOR A PARKING PERMIT. FOR MORE INFORMATION CONTACT THE DCP OFFICE AT 454-4242.

WHEN??

Date	*Time*	*Location*
January 8-19, 1990	8:30AM-4:00PM	Department of Campus Parking; Parking Garage 2, Building #202,, Corner of Regents Drive and Field House Dr.
January 22 & 23, 1990	8:30AM-6:00PM	Department of Campus Parking
January 24 and later	8:30AM-4:00PM	Department of Campus Parking

HOW??
1. **BRING YOUR STUDENT I.D. CARD.**
2. Pick up and complete the UMCP-DCP Application for Student Parking Registration. The student parking registration fee is $35.00 for campus resident students and $19.00 for commuter students. Check, cash, or credit card (Mastercard or Visa) payment is required.
3. You will receive a transferable hanging permit and Informational Parking Guide.

BICYCLES AND MOPEDS
Bicycles and mopeds need not be registered, but should be parked in bicycle racks provided on campus. Maryland State law prohibits securing or parking a bicycle or moped in any manner which would obstruct vehicles or pedestrians. Bicycles or mopeds parking in violation of this law will be subject to impoundment and should be reported to the Environmental Safety Office on extension 5744.

HANDICAPPED PARKING
All persons associated with the University (including those displaying a State handicapped permit or tag) must purchase and display a UMCP-DCP hanging permit for the current year. At the time of registration, the person must submit a copy of **their approved** State of Maryland Disabled Person's Parking Permit application. A UMCP-DCP hanging permit and UMCP-DCP handicapped permit will be issued. There is no additional fee for the UMCP-DCP handicapped permit or tag in order to use handicapped spaces, unpaid parking meters or any ungated parking lot on campus.

Only persons for whom the handicapped privileges are extended are authorized to park in these special parking areas. Family members driving these vehicles must utilize their assigned parking lot(s).

Questions regarding parking registration should be referred to the Motor Vehicle Administration Office, 454-4242 or 454-4243.

Graduate Student Registration Procedures

Schedule Adjustment — For Graduate Students who have previously registered for Spring 1990 and wish to drop, add, or change sections, grading method, or credit level, see Registration Dates and Schedule Adjustment Procedures on page 6. Schedule Adjustment is **BY APPOINTMENT ONLY** January 18-23. Call 454-7950 to schedule an appointment.

For students not yet registered — Any previously admitted, eligible graduate student who has not yet registered for the Spring 1990 Semester, may still do so. Each Department/Program will control the distribution of materials for Graduate Students. Students may register walk-in until February 2nd. Beginning January 18, registration is **BY APPOINTMENT ONLY.** APPOINTMENTS CAN BE MADE BY CALLING 454-7950 BETWEEN 8:30 A.M. and 4:30 P.M.

STEP 1 — Your department/program has indicated their requirements in the Graduate Registration Procedure Chart (see page 8). Review the chart to determine departmental requirements based on status as a newly admitted or returning graduate student. Questions may be addressed to the department/program office or Graduate School (454-4004).

NEWLY ADMITTED: Any student receiving an admission letter from the Graduate School for Spring 1990.

RETURNING STUDENT: Any student admitted to a Graduate program prior to and including Fall 1989, and currently eligible to register.

STEP 2 — If advising is mandatory, or Orientation is required contact the department for information and advising arrangements. Department will stamp the form if advising is mandatory. Please note that Orientation refers to individual department programs, not the general Graduate Orientation Program.

STEP 3 — If no advising is required contact your department program office about distribution of the Graduate Schedule Request Form.

STEP 4 — See individual course listings for restrictions. All course restrictions are indicated with the course in the COURSE LISTING section of this SCHEDULE OF CLASSES. See page 27, HOW TO READ COURSE LISTINGS, for information. Courses with (PermReq) to the left of the course listing indicates permission is required prior to registering for the course. Read the entire course listing for other restrictions. Students requesting Restricted Courses must go to the department offering the course to obtain authorization. If the course is indicated as "Majors Only" and the student is **officially** listed as a major in that department, it is not necessary to obtain an authorization.

STEP 5 — Consult Graduate Registration Procedure Chart to determine where the Graduate Schedule Request Form is to be collected. If the Schedule Request Form is to be returned to the Registrations Office, you may register walk-in until January 17. Beginning January 18, registration is **BY APPOINTMENT ONLY.** Call 454-7950 to schedule an appointment. Prior to January 18, 1989, the Registration Center will be located in Room 1130, Mitchell Building. January 18-26, the Registration Center will be located in the Reckord Armory, Main Floor. You may register until February 2, 1990. ($20 late registration fee is assessed beginning January 22, 1990.)

STEP 6 — a. Students who register by December 8, 1989 must pay tuition and fees by January 12 , 1990.
b. Students who register between December 11, 1989 and January 12, 1990 must pay tuition and fees by January 26, 1990.
c. Students who register after January 12, 1990 must pay by 3:00 p.m. of the following business day or registration will be cancelled.

Note: The University will be closed Monday, January 15, 1990 for Martin Luther King Day. The Bursar's Office is located in Room 1103 Lee Building. Bills can also be paid in the Reckord Armory January 18-24.

STEP 7 — Students who need a Photo ID and/or Semester Registration Card must present proof of bill payment at the Registrations Office, First Floor Lobby, Mitchell Building, 8:30 a.m.-4:30 p.m.

Continuous Registration

(Doctoral Students Only)
Following advancement to candidacy by the Graduate Council for the doctoral degree, every graduate student must register each fall and spring semester until the degree is awarded. Contact the Graduate Records Office for more complete information (454-5428).

Graduate Student Refund Schedule for Dropping Courses

Graduate students are charged by the credit hour. A percentage charge and/or complete charge for the course may be imposed if the deadlines indicated below are not followed.

1. January 19 and earlier (prior to the first day of classes)..... 100% refund
   There will be no charge for courses *dropped* by this date.
2. January 22-26 (first five days of classes)..... 80% refund
   There will be a 20% charge imposed for courses *dropped* during this period.
3. January 29 and after..... 0% refund
   Students will incur full charge for courses *dropped* during this period.
4. February 5 and after: a $2.00 charge is imposed for *each* drop processed (to be billed).

Students who wish to drop one course and add another at the same credit level must accomplish both transactions on the *same* day to insure additional charges are not imposed.

Refer to Summary of Spring Semester Deadlines for other important dates.

Graduate Students — Summary of Spring Semester 1990 Deadlines

January 5 ..... Last day for mail-in registration
January 15 ..... Martin Luther King Day Holiday
January 22 ..... First Day of Classes
January 22 ..... Late Registration Begins through February 2
February 2 ..... Last day to submit applications for the May 1990 Commencement to the Registrations Counter, Mitchell Building
February 12 ..... DOCTORAL STUDENTS: deadline for submitting Nominations of Dissertation Committee form to the Graduate Records Office for May 1990 Commencement
March 2 ..... MASTER'S STUDENTS: deadline for submission of the following materials to the Graduate Records Office for May 1990 Commencement:
— Approved program form
— Nomination of Thesis Committee form
March 19-23 ..... Spring Break
April 6 ..... Last day to adjust schedule
April 25 ..... DOCTORAL STUDENTS: deadline for submission of the following materials to the Graduate Records Office for May 1990 Commencement:
— Two final, acceptable copies of the completed dissertation
— The original signed Report of the Oral Examining Committee
— Survey of Earned Doctorates
— UMI Microfilm Contract
— UMI/UMCP Agreement
May 2 ..... MASTER'S STUDENTS: deadline for submission of the following materials to the Graduate Records Office for May 1990 Commencement:
— The original signed Report of the Oral Examining Committe
— Two final, acceptable copies of the master's thesis OR Certificate of Completion of Master's Degree Without Thesis
May 14 ..... Last day of classes
May 24 ..... COMMENCEMENT

Waitlist Information — see chart on page 6 for dates and locations

A waitlist is a sequential file of students, in "first come, first served" order of their requests, who are waiting to get into a closed course should a seat open at some future time. Not all courses have waitlists; it is up to the department to offer the waitlist option.

Being placed on a waitlist is not a guarantee that the student will receive the course. A student may not waitlist a section of a course if that student is currently registered for another section of the same course.

When waitlisting a course, the student should have other options in case no seats become available in the desired course. Students who decide to waitlist a closed course may select up to six sections. No priority is assigned to these sections. Therefore, students are strongly urged not to waitlist a section which will conflict with existing scheduled courses.

Students may sign up for a waitlist during early registration or schedule adjustment. A form will be issued at this time. Please read this form carefully for detailed waitlist check-in instructions.

Graduate Registration Procedure Chart

DEPARTMENT/PROGRAM	LOCATION	STUDENT STATUS			
		Newly Admitted Students		Returning Students	
		Advising	Return completed Forms to:	Advising	Return completed Forms to:
ADVP Animal Sciences	4149 Animal Sci Center	Mandatory	Registrations Office	Mandatory	Registrations Office
AEED Agricultural & Extension Education	0200 Symons Hall	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
AGRO Agronomy	1109 H. J. Patterson	Mandatory	Registrations Office	Mandatory	Registrations Office
AMST American Studies	2140 Taliaferro	Mandatory	Registrations Office	Optional	Registrations Office
ANTH Anthropology	1115 Woods Hall	Mandatory	Department	Mandatory	Department
ARCH Architecture	1298 Architecture	Mandatory	Registrations Office	Optional	Registrations Office
AREC Agricultural & Resource Economics	2210 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
ARTH Art History	1211 Art/Socy	Mandatory	Registrations Office	Mandatory	Registrations Office
ARTT Art Studio	1211 Art/Socy	Optional	Registrations Office	Optional	Registrations Office
ASTR Astronomy	0205 Space Sci	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
BCHM Biochemistry	1320 Chemistry	at Orientation	at Orientation	Mandatory	Department
BMGT/LMBA/MS Business and Management	3104 Tydings	MBA: permission of Director MS: see faculty advisor or Director		MBA: Optional MS: Optional	Department Department
	PhD: 0139 Tydings	PhD: at Orientation		PhD: Optional	Department
BMPM Business/Public Affairs	See BMGT and MAPM	N/A	N/A	N/A	N/A
BOTN Botany	1223 H. J. Patterson	at Orientation	Registrations Office	Optional	Registrations Office
CHEM Chemistry	1320 Chemistry	at Orientation	at Orientation	Mandatory	Department
CHPH Chemical Physics	1126 Physics Bldg.	Optional	Registrations Office	Optional	Registrations Office
CLAS Classics	4220 Jimenez	Mandatory	Registrations Office	Optional	Registrations Office
CMLT Comparative Literature	4220 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
CMPL Community Planning	1113 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
CMRT Communication Arts & Theatre	1146 Tawes	Mandatory	Registrations Office	Mandatory	Registrations Office
CMSC Computer Science	1119 A. V. Williams	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
CRIM Criminal Justice & Criminology	2220 LeFrak Hall	at Orientation	at Orientation	Optional	Registrations Office
CRWR Creative Writing	1141 Taliaferro	Optional	Registrations Office	Optional	Registrations Office
DAIR Dairy Science	4149 Animal Sci Center	N/A	N/A	Mandatory	Registrations Office
ECON Economics	3115L Tydings	Mandatory	Department	Optional except 799/899	Department
EDCI Curriculum and Instruction	2311 H.R. Benjamin	Mandatory	Registrations Office	Optional	Registrations Office
EDCP Counseling and Personnel Services	3214 H. R. Benjamin	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
EDHD Human Development	3304 H. R. Benjamin	Mandatory	Registrations Office	Optional	Registrations Office
EDIT Industrial, Technological and Occupational Education	3216 J. M. Patterson	Mandatory	Registrations Office	Mandatory	Registrations Office
EDMS Measurement, Statistics and Evaluation	4107 H. R. Benjamin	Optional	Registrations Office	Optional	Registrations Office
EDPA Policy, Planning and Administration	2110 H. R. Benjamin	Optional	Registrations Office	Optional	Registrations Office
EDSP Special Education	1304 H. R. Benjamin	Mandatory	Registrations Office	Optional	Registrations Office
ENAE Aerospace Engineering	0151 Engr Classroom Bldg	Mandatory	Department	Mandatory	Registrations Office
ENAG Agricultural Engineering	1130 Shriver Lab	Mandatory	Registrations Office	Mandatory	Registrations Office
ENCE Civil Engineering	1179 Engr Classroom Bldg	Optional	Registrations Office	Optional	Registrations Office
ENCH Chemical Engineering	2115 Chem Engr Bldg	Mandatory	Department	Mandatory	Department
ENEE Electrical Engineering	3181 Engr Classroom Bldg	Optional	Registrations Office	Optional	Registrations Office
ENGL English	1141 Taliaferro	Optional	Registrations Office	Optional	Registrations Office
ENMA Engineering Materials	2115 Chem Engr Bldg	Mandatory	Department	Mandatory	Department
ENME Mechanical Engineering	2166 Engr Classroom Bldg	Mandatory	Registrations Office	Mandatory	Registrations Office
ENNU Nuclear Engineering	2309 Chem Engr Bldg	Optional	Registrations Office	Optional	Registrations Office
ENTM Entomology	1300 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
FDSC Food Science	1122A Holzapfel	Mandatory	Registrations Office	Mandatory	Registrations Office
FMCD Family and Community Development	1204 Marie Mount	Optional	Registrations Office	Optional	Registrations Office
FRIT French Language and Literature	3106D Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
GEOG Geography	1163 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
GELS Geography/Library Science	See GEOG & LBSC	N/A	N/A	N/A	N/A
GEOL Geology	1115 Geology Bldg	Mandatory	Registrations Office	Mandatory	Registrations Office
GERS Germanic Language and Literature	3215 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
GRAD Advanced Special Student	2117 South Admin	Not Required	Registrations Office	Not Required	Registrations Office
GVPT Government & Politics	2181 LeFrak Hall	at Orientation	at Orientation	Optional	Registrations Office
HESP Hearing and Speech Sciences	0100 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
HILS History/Library and Information Services	see LBSC	N/A	N/A	N/A	N/A
HIST History	2117 Francis Scott Key	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
HLTH Health Education	2387 PERH Bldg	at Orientation	at Orientation	Optional	Registrations Office
HNFS Human Nutrition and Food Systems	3304 Marie Mount	Mandatory	Department	Mandatory (except 799/899)	Registrations Office
HORT Horticulture	1122 Holzapfel	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
JOUR Journalism	2109 Journalism	Mandatory	Registrations Office	Mandatory	Registrations Office
LBSC Library and Information Services	4110 Hornbake	Mandatory	Department	Mandatory	Department
LING Linguistics	1107 Mill Bldg	Mandatory	Registrations Office	Optional	Registrations Office
LMBA Business/Law Combined	3104 Tydings	see admit letter		Mandatory	Department
LMPM Public Management/Law Combined	See MAPM	N/A	N/A	N/A	N/A
MAPL Applied Mathematics	1112 Math Building	by appointment	at appointment	Optional	Department
MAPM Public Management	3104 Tydings Hall	Mandatory	Department	Mandatory	Registrations Office
MAPP Public Policy	1218 LeFrak Hall	Mandatory	Department	Mandatory	Registrations Office
MATH Mathematics	1112 Math Building	by appointment or at GA Orient	at appointment or Orientation	Optional	Department
MEES Marine-Estuarine-Environmental Sciences	0313 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
METO Meteorology	2207 Space Sci	at Orientation	Registrations Office	Mandatory except 799/899	Registrations Office
MFAT Master of Fine Arts	See CMRT	N/A	N/A	N/A	N/A
MICB Microbiology	2131 Skinner	Mandatory	Registrations Office	Mandatory	Registrations Office
MOCB Molecular and Cellular Biology	2504 Chemistry Building	Mandatory	Registrations Office	Mandatory	Registrations Office
MUSC Music	2110 Tawes	Mandatory	Registrations Office	Mandatory	Registrations Office
NUSC Nutritional Sciences	2145 Animal Science	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
PCOM Public Communication	2109 Journalism	Optional	Registrations Office	Optional	Registrations Office
PHED Physical Education	2351 PERH Bldg	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
PHIL Philosophy	1131 Skinner	Mandatory	Registrations Office	Mandatory	Registrations Office
PHYS Physics	1120 Physics Bldg	Mandatory	Department	Mandatory except 799/899	Registrations Office
POSI Policy Studies	1212 LeFrak Hall	Mandatory	Department	Mandatory	Registrations Office
POUL Poultry Science	3129 Animal Sci Center	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
PSYC Psychology	1147 Zoo/Psyc Bldg	Mandatory	Department	Mandatory	Department
RECR Recreation	2367 PERH Bldg	Mandatory	Department	Mandatory	Department
SOCY Sociology	2108 Art/Socy Bldg	Mandatory except 799/899	Department	Mandatory except 799/899	Department
SPAP Spanish Language and Literature	2215 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
STAT Mathematical Statistics	1112 Math Bldg	Mandatory at appointment or at GA Orient	at appointment or Orientation	Mandatory	Department
TOXI Toxicology	0313 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
TXCE Textile and Consumer Economics	2100 Marie Mount	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
URBS Urban Studies	1113 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
ZOOL Zoology	3210 Zoo/Psyc Bldg	Mandatory	Registrations Office	Optional	Registrations Office
INTERCAMPUS ENROLLMENT PROGRAM: UMAB, UMBC, UMES, UMUC			Graduate School at Host Campus		Graduate School at Host Campus
Intercampus Student	2125 South Admin	at Home Campus	Intercamp Form **MUST** be attached	at Home Campus	Intercamp Form **MUST** be attached

Attention Thesis and Dissertation Students

The Office of Graduate Studies and Research has prepared a handbook to assist graduate students in the preparation of master's theses and doctoral dissertations. The handbook is available in the Graduate Records Office, 2117 Lee Building. All graduate students preparing a thesis or a dissertation are required to follow the format requirements outlined in this booklet. Comments and suggestions for improving the presentation of the guidelines are welcome and encouraged.

As of July 1, 1987, the Office of Graduate Studies and Research instituted a formal thesis and dissertation format review procedure. All graduate students writing a thesis or dissertation are required to have that thesis or dissertation inspected and approved by the Graduate Student Affairs Office. Theses and dissertations which do not meet the expected minimum standards, as outlined in the handbook, will not be accepted, thus graduation may be delayed. Details about these requiements may be obtained in the Graduate Records Office, 2117 Lee Building.

Remission of Tuition for Faculty and Staff

Every semester an approved Authorization for Remission of Tuition form must be turned in to the College Park Personnel Services Office (Room 1129, Lee Building) in order to receive credit on the student bill for courses taken by faculty and staff members. Usually the authorizing department will forward this form directly to the Personnel Services Office. Each faculty and staff member should check with his/her department to ascertain that the proper forms have been submitted.

Tuition waiver forms for students who registered early must be RECEIVED by campus personnel office before January 12, 1990. Students who register after January 12, 1990 must submit the Tuition Waiver Form and settle their account in full by 3:00 p.m. the following business day. ALL FORMS MUST BE SUBMITTED NO LATER THAN JANUARY 19, 1990.

Published deadlines and procedures for admission, readmission or reinstatement and registration apply to University faculty and staff who wish to take courses.

Questions regarding admission? Contact Admissions Office, 454-5550.
Questions regarding registrations) Contact Registrations Office, 454-5559.
Questions regarding employee remission of tuition? Contact Staff Benefits Office, 454-6312.

Teacher's Registration

Who?
Teachers who have previously been admitted to the University of Maryland College Park Campus, either graduate or undergraduate, and who were not enrolled for Fall 1989.

Undergraduate Students—Apply for readmission at the Office of Undergraduate Admissions, lower level, Mitchell Building (454-2734) where a registration form will be issued. See page 6 for Spring 1990 registration procedures.

Graduate Students—Check with Graduate School, Room 2125 Lee Building, 454-4004, to determine eligibility. See page 7 for Spring 1990 registration procedures for all Graduate Students.

UNDERGRADUATE STUDENTS WITH QUESTIONS CONCERNING TEACHER REGISTRATION SHOULD CALL 454-2017. GRADUATE STUDENTS WITH QUESTIONS CONCERNING TEACHER REGISTRATION SHOULD CALL 454-2015.

Faculty-Staff Registration Procedures

Faculty and Staff who wish to register for courses must be admitted to the University as an undergraduate or graduate student prior to registration. Follow the steps listed below:

STEP 1 — Contact department representative responsible for processing Remission of Tuition forms. Complete the forms and make sure that they are forwarded to the Personnel Office, Room 1129 Lee Building, 454-6312.

DEADLINE TO SUBMIT REMISSION OF TUITION FORM FOR SPRING 1990
Early Registrants — before January 12, 1990
Students who register after January 12 — Remission of Tuition form must be submitted by 3:00 p.m. of the following business day.
All forms must be submited by January 19, 1990

STEP 2 — Contact appropriate admissions office:
Undergraduate — Mitchell Building (Basement), 454-5550
Graduate — Lee Building (Second Floor), 454-3141
Non-degree seeking faculty — Contact Jane Graham, 1101 Mitchell Building, 454-4555
(Registration is on a space available basis.)

STEP 3 — Follow appropriate Registration Procedures:
For Undergraduate students see page 6.
For Graduate students see page 7.

FACULTY/STAFF ARE ENCOURAGED TO REGISTER AS EARLY AS POSSIBLE.

The Consortium of Universities of the Washington Metropolitan Area

The consortium of Universities of the Washington Metropolitan Area consists of American University, The Catholic University of America, Gallaudet University, George Mason University, George Washington University, Georgetown University, Howard University, Marymount University, Mt. Vernon College, Trinity College, University of the District of Columbia, and the University of Maryland at College Park. Students enrolled in these institutions are able to attend certain classes at other campuses and have the credit considered "residence" credit at their own institution. Payment of tuition for courses will be made at the student's home campus. Any eligible degree seeking graduates and undergraduates may participate in this program according to the following stipulations:

a. Golden ID students are not eligible to enroll in courses through the Washington Area Consortium with waiver of fees.
b. Neither the faculty and staff tuition remission program (this includes assistantships, fellowships, etc.) nor the partial tuition waiver program for spouses and dependents of University of Maryland employees may be used for courses taken through the Washington Area Consortium.

Students whose fees are remitted through these programs and who are interested in enrolling in courses at Consortium schools will be expected to pay for the course or courses at the appropriate College Park credit hour rate for the semester in which they enroll.

A. Procedure for UMCP Students

Eligible Graduate Students

1. Must be degree seeking.
2. Need approval of the Departmental Director of Graduate Studies.
3. No more than 25% of course credits may be taken at other consortium schools.
4. Practica, internships, workshops and similar experimental learning courses cannot be taken at other consortium schools.
5. **Comparable courses offered at UMCP may not be taken through the Consortium.**

Eligible Undergraduate Students

1. Must be degree seeking.
2. Must have junior standing (56 credits). An exception to this policy is approval for courses in Army and Navy ROTC programs.
3. Need prior written approval of the following:
   a. The student's major department.
   b. The comparable UMCP department if the course is outside the major department.
   c. The student's Dean.
4. Practica, internships, workshops and similar experimental learning courses cannot be taken at other consortium schools.
5. **Comparable courses offered at UMCP may not be taken through the Consortium.** The intention is to allow students to take an occasional course to augment a program rather than to develop an individual program.

Registration for UMCP Students

1. Contact the department offering the course at the institution to be visited. This will determine if the course is open to consortium students and if there are any special conditions, i.e., prerequisites, special fees. Special fees must be paid directly to the visited institution.
2. Contact the consortium coordinator in the UMCP Registration Office, to obtain the "Permission to Enroll in the Consortium Program" form. (Complete one form for each institution at which you wish to take courses.)
3. Acquire appropriate approvals and signatures on the "Permission to Enroll in the Consortium" form and return to the UMCP consortium coordinator. **Permission will not be granted if a comparable course is offered at UMCP.**
4. Pass/Fail or audit grading options are not permitted for consortium courses.
5. A Consortium Registration Form will be filled out with the consortium coordinator.
6. A copy of this form will be used as an identification card at the visited institution.
7. Show identification card (registration form copy) to the instructor of the course to confirm enrollment, but keep the card.
8. If the course is cancelled or if you change or drop the course, immediately contact the consortium coordinator at UMCP.
9. UMCP course change deadlines apply for students visiting other consortium institutions.
10. Grades earned by College Park students at other Consortium institutions in courses taken through the Consortium arrangement will be converted into the College Park grading system. These grades are used in the calculation of the cumulative grade point average.

NOTE: Consortium courses will be included in the semester credit load of 12 hours for financial aid purposes.

Only the following George Washington University, NROTC courses will apply to UMCP degrees.

NS 051	Introduction to Naval Science (2 credits)
NS 126	Seapower in Maritime Affairs (3)
*NS 150	Navigation (3)
NS 160	Evolution of Warfare (3)
NS 175	Leadership and Management I (3)
NS 176	Leadership and Management II (2)

*Prior to Fall 1987 NS150 — Navigation is not applicable for UMCP degree programs.

B. Procedure for Visiting Students

Students from other consortium schools may register for University of Maryland, College Park courses on a space available basis beginning with the first day of classes, January 22, 1990 for the Spring 1990 semester. Visiting consortium students are not eligible to register for Instructional Television courses or professional education courses.

Students will be expected to meet all prerequisites of UMCP courses. Also, prior approval will be required for courses restricted to specific UMCP majors and permission only courses. See individual course listings in this SCHEDULE for course restriction information. Also, see page 27, "How to Read Course Listings.' **Visiting students must register at both their home campus and at UMCP.**

1. Contact the UMCP consortium coordinator on 454-4555 at the Public Inquirty Office.
2. Fill out UMCP Schedule Request form with requested courses.
3. A visiting student cannot audit any UMCP courses.
4. Present to the UMCP coordinator the third copy of the Consortium Registration Form completed by your home campus.
5. The coordinator will officially register you for the UMCP courses. Please keep copies of the Schedule Request/Schedule Adjustment form for your records.
6. If the course is cancelled or if you change or drop the course, immediately contact the consortium coordinator at the visiting campus and your home campus.

Dates Classes Begin for Consortium Schools

American University	January 16
Catholic University	January 11
Gallaudet University	January 16
George Mason University	January 22
George Washington University	January 11
Georgetown Univrsity	January 18
Howard University	January 11
Marymount University	January 8
Mount Vernon College	January 16, March 8
Trinity College	January 17
University of the District of Columbia	January 16
University of Maryland	January 22

10 Deadlines

Summary of Spring Semester 1990 Deadlines

Type of Change	Last Day to Process Change
ADD A COURSE	February 2
CANCEL REGISTRATION for Spring 1990	January 19
CANCEL RESIDENT LIFE (ON-CAMPUS) HOUSING without financial obligation (new to Residence Halls)	November 27
CHANGE FROM FULL-TIME TO PART-TIME (Undergraduates) for billing purposes	see Penalties for Drops on this page
change CREDIT LEVEL	February 2
DIPLOMA APPLICATION for May 1990 Graduation (and diploma dated May 1990)	February 2
DROP A COURSE — UNDERGRADUATE STUDENT (students maintaining full-time status **ONLY**)	
without "W" mark	February 2
with "W" mark (4 credit drop limit) ($2.00 fee)	April 6
DROP A COURSE WITH REFUND (Graduate Students & Part-time Undergraduates only)	See Penalties for Drops on this page
change GRADING OPTION	February 2
GRADUATE MAIL-IN REGISTRATION	January 5
GRADUATE STUDENTS — LAST DAY TO ADJUST SCHEDULE (Graduate student does not receive a "W") ($2.00 fee for each drop or add February 5-April 6)	April 6
process a LATE REGISTRATION	February 2
LAST DAY TO WITHDRAW FROM ALL COURSES	
WITHDRAW WITH 100% REFUND (CANCEL)	January 19
WITHDRAW WITH 80% REFUND	February 2
WITHDRAW WITH 60% REFUND	February 9
WITHDRAW WITH 40% REFUND	February 16
WITHDRAW WITH 20% REFUND	February 23
WITHDRAW WITH 0% REFUND	May 14

GO TO ROOM 1101 MITCHELL BLDG. TO PROCESS A WITHDRAWAL. SEE PAGE 12 FOR WITHDRAWAL INFORMATION.

SCHEDULE ADJUSTMENT PERIOD ENDS AT 4:30 P.M., FEBRUARY 2, 1990

Cancellation of Registration

Students who register and later decide not to attend the University must **CANCEL** their registration **BY JANUARY 19, 1990**. Failure to cancel registration will result in financial obligation to the University even though the student does not attend class.

To Cancel Your Registration on or before January 19, 1990:

1. Your cancellation request must be received in writing by:
   Office of Registration—Rm. 1130
   Mitchell Building, University of Maryland
   College Park, Maryland 20742
   Since the University can honor only those requests for cancellation which are actually received by January 19, 1990 requests should be sent by Registered Mail. PLEASE INCLUDE STUDENT'S SOCIAL SECURITY NUMBER ON ALL CORRESPONDENCE.
2. For additional information concerning cancellation call the Registrations Office, 454-2336.
3. Cancellation of Housing and Dining Services is a separate process. See page 12 for information.

Penalties for Drops During Schedule Adjustment

Full-time undergraduate students do not receive a refund for courses dropped if the total number of credits for which they are registered remains 9 or more.

PRIOR TO THE FIRST DAY OF CLASSES, JANUARY 19 OR EARLIER, if a full-time undergraduate student drops a course or courses, thereby changing the total number of credits for which the student is registered to *8 or less*, charges for the semester will be assessed on the basis of the per credit hour fee for part-time students. However, if the student later adds a course or courses, thereby changing the total number of credits for which the student is registered to *9 or more*, the student will be billed for the difference between per credit hour fees paid and the general fees for full-time undergraduates.

If during the FIRST FIVE DAYS OF CLASSES, JANUARY 22-26, a full-time undergraduate drops a course or courses thereby changing the total number of credits for which he/she is registered to eight or less, charges for the semester will be assessed on the basis of part-time charges plus 20% of the difference between the full-time fees and appropriate part-time charges. **After the first five days of classes, there is no refund for changing from full-time to part-time status.**

FEBRUARY 5 AND AFTER — $2.00 fee is assessed for *each drop* processed (to be billed). This applies to both graduate and undergraduate students.

Refund Schedule for Dropping Courses
Graduate Students and Part-Time Undergraduates

Both graduate students and part-time undergraduates are charged by the credit hour. A percentage charge and/or complete charge for the course may be imposed if the deadlines indicated below are not followed.

1. January 19 or earlier (prior to the first day of classes) ..... 100% refund
   There will be no charge for courses *dropped* prior to this date.
2. January 22-26 (first five days of classes) ..... 80% refund
   There will be a 20% charge imposed for courses *dropped* during this period.
3. January 29 and after ..... 0% refund
   Student will incur full charge for courses *dropped* during this period.
4. February 5 and after: a $2.00 charge is imposed for *each* drop processed (to be billed).

Students who wish to drop one course and add another at the same credit level must accomplish both transactions on the *same* day to insure additional charges are not imposed.

Refunds for Special Courses

CHEM 001, COOP 098/099, ENGL 001, MATH 001, MATH 002 — Refunds: A part-time or full-time undergraduate who drops MATH 001, MATH 002, ENGL 001, or CHEM 001 will receive an 80% refund of the special fee if the course is dropped during the first five (5) days of classes and 0% thereafter. MATH 001, MATH 002, ENGL 001, or CHEM 001 will still be counted in the determination of hours for full-time or part-time status, notwithstanding the refund policy.

A part-time or full-time undergraduate student who drops COOP 098/099, or ENCO 098/099 will receive an 80% refund of the fee if the course is dropped during the first five (5) days of classes and 0% thereafter.

Candidates for May 1990 Graduation

Deadline to apply for a diploma dated May 1990 ..... February 2, 1990

Both graduate students and undergraduate students must file an application for a diploma dated May 1990 in the Registration Office by February 2, 1990. Applications are available at the Registration Office Counter, 1st Floor Lobby, Mitchell Building, 8:30 a.m. to 4:30 p.m., Monday through Friday.

Check Financial Information section for listing of application fees. Diploma application fees are due payable when billed.

Reclassification to In-State Status

An initial determination of residency status for admission, tuition, and charge differential purposes is made by the University at the time a student's original application to the University is accepted. The determination made at that time shall prevail for each subsequent semester even when there is a break in the student's attendance at the University. Students seeking to change their residency status shall file a **Petition for In-State Classification for Admission, Tuition and Charge-Differential Purposes (Petition)**. A student must meet the requirements for in-state status and submit a completed **Petition** (including all documents required therein) by the last day of late registration for the semester the student wishes to be considered for in-state classification. Petitions submitted after the last day for late registration are not accepted.

DEADLINE:

Spring 1990 ..... February 2, 1990

Students planning to file a **Petition** are encouraged to do so as early as possible. **Petitions** are accepted three (3) months prior to the semester deadline.

Petitions are evaluated in the order they are received. The evaluation of a **Petition** may require an extended period of time. It is hoped that a decision in each case will be made within ninety (90) days of receipt of the **Petition**. During this period of time, or any further period of time required by the University, fees and charges based on the previous residency status must be paid. Questions and **Petitions** should be directed to the following office:

Campus Classification Office
Room 0405B
Marie Mount Hall
454-3977

In-State Students

Notice to students classified as in-state for admission, tuition and charge-differential purposes. Please be aware that it is your responsibility to notify the proper office listed above in writing within 15 days of any change in your circumstances which might in any way affect your classification for admission, tuition and charge-differential purposes at the College Park Campus.

Financial Information

Tuition, Fees and Other Expenses

ALL STUDENTS WHO REGISTER FOR THE SPRING SEMESTER INCUR A FINANCIAL OBLIGATION TO THE UNIVERSITY. Financial policy and fees are set by the University with the approval of the Board of Regents. The University of Maryland does not have a deferred payment plan.

It is the policy of the University *not* to defer payment of fees on the basis of a pending application for financial assistance to an outside agency. This includes Veterans Administration, banks, Stafford student loan programs, etc.

Returning students will not be permitted to complete registration until all financial obligations to the University including current semester fees, library fines, parking violation assessments and other penalty fees and service charges are paid in full. If a student registers without proper financial clearance from the Office of the Bursar, his/her registration will be cancelled without further notice. If a student becomes financially ineligible after registering, his/her registration will be cancelled unless and until his/her account balance is paid in full by a prescribed date.

PLEASE NOTE: PAYMENTS FOR STUDENT ACCOUNTS MAY BE MADE BY VISA OR MASTERCARD. CREDIT CARD PAYMENTS MAY BE MADE IN PERSON OR BY MAIL. HOWEVER, PHONE-IN PAYMENTS WILL *NOT* BE ACCEPTED THIS SEMESTER.

Although the University regularly mails bills to students, it cannot assume responsibility for their receipt. Students are urged to obtain a copy of their financial account in Room 1103 of the Lee Building if they are not certain their account is paid in full. This office is open from 8:30 a.m. to 4:15 p.m. Monday through Friday. Students may also obtain their account balance by phoning 454-4832.

CHARGES INCURRED DURING THE SEMESTER ARE PAYABLE IMMEDIATELY.

A student who wishes to dispute a specific item on their bill must contact the appropriate University department that initiated the charge to discuss the nature of the adjustments, if any, or the appropriateness of the bill. If, after discussing the bill with the originating department, a student still wishes to dispute the charge, any appeal must be made in writing. It is emphasized that any portion of the bill *not* in dispute must be paid in accordance with the due date on the bill.

All checks or money orders should be made payable to the University of Maryland for the exact amount due. The student's social security number must be written on the check. Payments by telegram should also include social security number.

Students will be severed from University services for delinquent indebtedness to the University which occurs or is discovered during a semester. In the event that severance occurs, the individual may make payment during the semester in which services were severed and all these services except housing will be restored. For a student who lives in on-campus residence halls, and who fails to fully resolve any outstanding balance, the severance of housing services means that (1) the student must leave residence halls, (2) the student's room is assigned to another student, and (3) the severed student may reapply for housing services, if the account is later satisfactorily resolved and other University services are restored, and be placed last on a waiting list for available on-campus housing spaces. Students who are severed from University services and who fail to pay the indebtedness during the semester in which severance occurs will be ineligible to register for subsequent semesters until the debt is cleared. In the event of actual registration in a later semester by a severed student who had not settled the student account prior to that semester, such registration will be cancelled and no credit will be earned for the semester. For a student who is on board and who fails to resolve any outstanding balance, the severance of Dining Services means that the student will not be served meals until their student account is paid in full. No reimbursement will be made on meals not served during severance.

Late Payment Fee: Students who fail to pay the balance due on their accounts are subject to a late fee of 5% of the outstanding balance or $5.00, whichever is greater.

Severance Fee: $25.00. Students who fail to pay the balance due on their accounts will have their University services severed and the $25.00 severance fee added to their account. In order to have the services restored, the student's account must be settled in full.

The State has established, under legislative mandate, a CENTRAL COLLECTIONS UNIT within the Department of Budget and Fiscal Planning. This campus has been instructed that all delinquent accounts must be transferred to the State Collections Unit.

ALL ACCOUNTS DUE FROM STUDENTS, FACULTY, STAFF, NON-STUDENTS, ETC. ARE INCLUDED WITHIN THESE GUIDELINES.

Collection Costs incurred in collecting delinquent accounts will be charged to the student. The University is required by State law to refer all past due accounts to the State Central Collections Unit. The minimum collection fee is 15% plus any attorney and/or court costs. This collection fee is separate and distinct from any late payment fee the student may already have incurred and will not be reduced or offset by the amount of that late payment fee.

NOTE: STATE CENTRAL COLLECTIONS UNIT IS AUTHORIZED BY STATE LAW TO USE AN INDIVIDUAL'S STATE INCOME TAX REFUND AS AN OFFSET TO PAY INDEBTEDNESS TO THE STATE OF MARYLAND.

NO DEGREE WILL BE CONFERRED, NO GRADE ISSUED, NOR ANY DIPLOMA, CERTIFICATE, OR TRANSCRIPT OF RECORD ISSUED TO A STUDENT WHO HAS NOT MADE SATISFACTORY SETTLEMENT OF HIS OR HER ACCOUNT.

Mandatory Fees

The Auxiliary Facilities Fee: Refundable upon withdrawal. $21.50 — Charged to all Full-Time Undergraduates. Part-Time Undergraduates and all Graduate students are charged a fee of $7.50. The Auxiliary Facilities Fee is paid into a fund which is used for capital improvement, expansion and construction of various campus facilities such as open recreation areas (tennis courts, basketball courts, etc.), transportation alternatives (shuttle busses), and The Stamp Union Building. These capital projects are not funded or are funded only in part from other sources.
The Student Activities Fee: Refundable upon withdrawal. $17.50 — Charged to all Full-Time undergraduates. Part-Time Undergraduates are charged a fee of $9.50. Graduate students are charged a fee of $1.00. The Student Activities Fee is charged at the request of the Student Government Association and is used to provide for student activities, student publications, and cultural programs.
The Athletic Fee: Non-refundable. $54.00 — Charged to all Full-Time Undergraduates. Part-Time Undergraduates and all Graduate Students are charged a fee of $14.50. The Athletic Fee is charged for the support of the Department of intercollegiate Athletics. All students are encouraged to participate in all of the activities of this department or to attend the contests if they do not participate.
The Student Health Fee: Non-refundable. $20.50 — Charged to all Full-Time Undergraduate and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $13.00. The Student Health Fee is charged for the support of the Health Service Facility. Charges for special services (X-rays, prescriptions, etc.) are due **when received.**
The Shuttle Bus Fee: Non-refundable. $20.00 — Charged to all Full-Time Undergradutes and Graduate Students. All Part-Time Undergradute and Graduate Students are charged a fee of $11.00. The Shuttle Bus Fee is charged for the support of the Shuttle Bus Transportation System.
The Stamp Union and Recreational Fee: Non-refundable. $53.00 — Charged to all Full-Time Undergraduate and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $28.00. The Stamp Union and Recreational Fee is paid into a fund which will be used to expand recreational facilities and Stamp Union Services.
The Registration Fee: Non-refundable. $5.00 — The Registration Fee is charged to all registrants each semester.

Other Fees

Payment of Fees: All checks, money orders or postal notes should be made payable to the University of Maryland and mailed or delivered to: Office of Bursar, University of Maryland, College Park, MD 20742. The student's social security number must be written on the front of the check.
Undergraduate Application Fee: $25.00 — Charged to all new Undergraduate Students. Applicants who have previously enrolled with the University of Maryland at College Park, University College, Baltimore County or at an off-campus center will not be required to pay the fee.
Graduate Application Fee: $25.00 Required of all students.
Pre-College Orientation Program Registration Fee: $72.00 (two day program) $25.00 (one parent)
$50.00 (one day program) $50.00 (two parents)
Late Registration Fee: $20.00. All students are expected to complete their registration including the filing of Schedule Adjustment Forms on the regular registration days. Those who do not complete their registration during the prescribed days must pay this fee.
Special Fee for students requiring additional preparation in Mathematics, English or Chemistry: MATH 001 or MATH 002 — $130; CHEM 001 — $70; and ENGL 001 — $100.00 per semester. These special fees are in addition to course charges. (Note that MATH 001 is required of students whose curricula call for MATH 110 or 115 and who fail in qualifying examinaiton for these courses.)
A student enrolled in MATH 001 or ENGL 001 and concurrently enrolled for six or more credit hours will be considered as a full-time student for purposes of assessing fees. Students taking only MATH 002, CHEM 001, or ENGL 001 pay for three credits plus the special fee. Students taking CHEM 001 pay for two credits plus the special fee. A 3-credit course plus MATH 001 or ENGL 001, results in a charge for 6 credits plus the special fee. A full-time student pays full-time tuition plus the special fee.
Cooperative Education Program in Liberal Arts and Business (COOP 098/099): $30.00 each
Engineering CO-OP Program (ENCO 098/099): $30.00 each
Fees for Auditors and courses taken for audit are the same as those charged for courses taken for credit to determine whether or not an undergraduate student is full-time or part-time for fee assessment purposes.
Special Students are assessed fees in accordance with the schedule for the comparable undergraduate classification.
Change of Registration Fee: $2.00 for each course dropped or added after February 2, 1990. A $4.00 fee is charged for each section change ($2.00 for the section added, $2.00 for the section dropped).
Transcript of Record Fee: $2.00 each copy
Special Examination Fee: $30.00 per course for all undergraduates and full-time graduate students. Credit-hour charge for part-time graduate students. (See page 20 for definition of full-time and part-time graduate status.)
Vehicle Registration Fee: Commuters $35.00, Campus Residents $67.00 (Fees are subject to change). Fee is required of all students registered for classes on the College Park Campus and who drive on campus.
Textbooks and Supplies: Textbooks and classroom supplies vary with the course pursued, but will average $125.00 per semester.
Service Charges for Dishonored Checks: Payable for each check which is returned unpaid by the drawee bank on presentation because of insufficient funds, payment stopped, post-dating against uncollected items, etc.
For checks up to $100.00: $10.00
For checks from $100.01 to $500.00: $25.00
For checks over $500.00: $50.00
When a check is returned unpaid, the student must redeem the check and pay any outstanding balance in the account within 10 days or all University services may be severed and the account transferred to the State Central Collection Unit for legal follow-up. Additionally, a minimum 15% collection charge is added to the charges posted to the student's account at the time the transfer is made.
When a check is returned unpaid due to an error made by the student's bank, the student must obtain a letter from the branch manager of the bank or a person of equivalent status admitting such an error. This letter must be submitted to the Office of the Bursar to have the service charge waived.
Library Charges: $.35 — Fine for failure to return a book from General Library before expiration of loan period: per day. Fine for failure to return book from Reserve Shelf before expiration of loan period: First hour overdue on first day: $1.00; after first hour on first day: $.75 per hour for each hour open up to a maximum of $45.00 per item. In case of loss or mutilation of a book, satisfactory restitution must be made.
Motor Vehicle Penalties: These are described in Traffic Rules and Regulations.
Property Damage Charge: Students will be charged for damage to property or equipment. Where responsibility for the damage can be fixed, the individual student will be billed for it; where responsibility cannot be fixed, the cost of repairing the damage or replacing equipment will be prorated among the individuals involved.
Late Payment Fee: Students who fail to pay the balance due on their accounts are subject to a late fee of 5% of the outstanding balance or $5.00, whichever is greater.
Severance Fee: $25.00. Students who fail to pay the balance due on their accounts will have their University services severed and the $25.00 Severance Fee added to their account. In order to have services restored, the student's account must be settled in full.
Graduation Application Fee for Bachelor's Degree: $15.00, **Master's Degree:** $25.00, **Doctor's Degree:** $50.00. These charges are one-time, non-refundable fees, and must be paid in the semester that the graduation application is first submitted.

Fees for Spring Semester 1990

An Important Fee Notice. Although changes in fees and charges will ordinarily be announced in advance, the University reserves the right to make such changes without previous announcement.

General Fees – (*Includes mandatory fees)

[1]Full-Time Undergraduate Students, Maryland Residents	1,048.50
[1]Full-Time Undergraduate Students from District of Columbia, other states and other countries	2,877.00

— PART-TIME UNDERGRADUATES — (In-state and out-of-state enrolling for 8 credit hours or less) **$99.00** per credit hour.

Credit Hours	1	2	3	4	5	6	7	8
*Cost	187.50	286.50	385.50	484.50	583.50	682.50	781.50	880.50

*Includes all mandatory fees.

— GRADUATE IN-STATE STUDENTS — **$117.00** per credit hour.[2]

Credit Hours	1	2	3	4	5	6	7	8	9	10	11	12	13
*Cost	197.00	314.00	431.00	548.00	665.00	782.00	899.00	1016.00	1174.50	1291.50	1408.50	1525.50	1642.50

*Includes all mandatory fees.

— GRADUATE OUT-OF-STATE STUDENTS — **$207.00** per credit hour.[2]

Credit Hours	1	2	3	4	5	6	7	8	9	10	11	12	13
*Cost	287.00	494.00	701.00	908.00	1115.00	1322.00	1529.00	1736.00	1984.50	2191.50	2398.50	2605.50	2812.50

*Includes all mandatory fees

Campus Point Plan		969.50
Board (D.S. Cash)[4]		
Room, University Residence Hall, Maryland Residents/Non-Residents		1,195.00
Vehicle Registration Fee (valid through August 1990)	Campus Resident	35.00
	Commuter	19.00
Special Mathematics Fee (MATH 001/002)		130.00
Special Chemistry Fee (CHEM 001)		70.00
Special English Fee (ENGL 001)		100.00
Special Engineering COOP Fee (ENCO 098/099)		30.00[3]
Special COOP Fee (COOP 098/099)		30.00[3]
Continuous Registration Fee (Doctoral Candidates)		10.00
Late Registration Fee (beginning January 22, 1990)		20.00
Schedule Adjustment Fee (effective on or after February 5, 1990)		2.00
Graduation Application Fee for Bachelor's Degree		15.00
Graduation Application Fee for Master's Degree		25.00
Graduation Application Fee for Doctoral Degree		50.00
Credit by Exam Fee		
All Undergraduate and Full-Time Graduate Students (per course)		30.00
Part-Time Graduate Students (per credit hour)		See above
Audit courses are charged the same as a course taken for credit.		
Maryland English Institute — Intensive		2,347.00
Maryland English Institute — Semi-Intensive Program		1,174.00
Maryland English Institute — Pronunciation Program		200.00
Maryland English Institute — Fluency Program		200.00
Orientation Fees:		
Student One Day		50.00
Student Two Days		72.00
One Parent		25.00
Two Parents		50.00

[1]FOR BILLING PURPOSES UNDERGRADUATE FULL-TIME STATUS IS DEFINED AS A REGISTRATION FOR 9 CREDITS OR MORE.
[2]A STUDENT WHO HAS BEEN ADMITTED TO THE GRADUATE SCHOOL WILL BE CHARGED THE GRADUATE CREDIT HOUR FEE FOR ALL COURSES REGARDLESS OF THE LEVEL OF THE COURSE.
[3]A $5.00 FEE WILL BE CHARGED FOR SPECIAL COURSE REGISTRATION. THE AMOUNT OF $65.00 WILL BE CHARGED FOR ENROLLMENT IN TWO SPECIAL COURSES.
[4]D.S. CASH ACCOUNTS AVAILABLE — INQUIRE AT CONTRACT OFFICE (X2906).

Billing Information

Bills for payment of fees are mailed in December 1989 to students who have registered for courses for Spring 1990. Since the University has no deferred payment plan, **PAYMENT IN FULL MUST BE MADE NO LATER THAN JANUARY 12, 1990 BY ALL REGISTERED STUDENTS.** Accounts not paid by January 12, 1990 are delinquent and subject to referral to the State Central Collections Unit at Baltimore and/or cancellation of registration.

For student convenience, payment by mail is encouraged; however, payment also may be made at the Office of the Cashier, Lee Building. Students may pay in person at the Office of the Cashier, 8:30 a.m. to 4:15 p.m. Monday through Friday, where they are required to present a Student ID Card with payment. Also students, if paying by personal check, may drop the payment in the Bursar's Mail Remittances hallway drop slot beside Room 1108, Lee Building, any time that the building is open. If a student uses the drop slot, the processed check will serve as a receipt. Be sure the Social Security number is clearly written on the front of the check.

PLEASE NOTE: PAYMENTS FOR STUDENT ACCOUNTS MAY BE MADE BY VISA OR MASTERCARD. CREDIT CARD PAYMENTS MAY BE MADE IN PERSON OR BY MAIL. HOWEVER, PHONE-IN PAYMENTS WILL *NOT* BE ACCEPTED THIS SEMESTER.

Periodically during the semester bills will be mailed to the student's permanent address reflecting charges incurred for parking tickets, library fines, course adjustments, etc. These bills are due ON RECEIPT. THE UNIVERSITY CANNOT ASSUME RESPONSIBILITY FOR THEIR DELIVERY.

Students who register after January 12, 1990 will be required to make full payment in person to the cashier by the close of business the following working day to avoid cancellation of their schedule and loss of their seats to other students. MAIL PAYMENTS, POSTMARK DATES, AND USE OF "DROP BOXES"' WILL NOT SATISFY THIS DEADLINE.

Students who have questions on their bills may obtain print-outs of their financial accounts by coming to Room 1103 of the Lee Building between 8:30 a.m. and 4:15 p.m. Monday through Friday.

Each student is individually responsible for all of his or her fees and expenses. If a third party, such as an employer, agrees to pay these charges, the student is not relieved of his or her primary responsibility. In the event such third party fails to honor its agreement, the University reserves the right to bill the student directly. Failure to pay this bill thereafter will result in the suspension of services to the student by the University and transfer of the account to the State Central Collections Unit. WHEN A PAYMENT IS MADE TO THE UNIVERSITY, PAYMENT OF ANY OUTSTANDING BALANCE PRECEDES PAYMENT OF CURRENT INDEBTEDNESS. That is, the oldest account balance is liquidated first.

FAILURE TO PAY OUTSTANDING DEBTS WILL RESULT IN SEVERANCE OF UNIVERSITY SERVICES, ADDING THE $25.00 SEVERANCE FEE, A LATE PAYMENT FEE OF $5.00 OR 5%, WHICHEVER IS HIGHER, AND TRANSFER OF THE ACCOUNT TO THE STATE CENTRAL COLLECTIONS UNIT. A MINIMUM OF 15% COLLECTIONS CHARGES ARE ADDED AT THIS TIME. THIS COLLECTION FEE IS SEPARATE AND DISTINCT FROM ANY LATE PAYMENT FEE THE STUDENT MAY ALREADY HAVE INCURRED AND WILL NOT BE REDUCED OR OFFSET BY THE AMOUNT OF THAT LATE PAYMENT FEE.

MARYLAND LAW ALLOWS THE CENTRAL COLLECTION UNIT TO BLOCK ISSUANCE OF MARYLAND STATE INCOME TAX REFUNDS FOR INDIVIDUALS WITH DELINQUENT ACCOUNTS.

Tuition Waiver Policy

(Employee Spouse and Dependent)

The University Board of regents has approved a partial tuition waiver policy for the spouse and dependent children of full-time University employees. The policy will provide a waiver of **one-third of the tuition charges only** for eligible students.

The Partial Tuition Waiver forms are available at each campus Personnel Department. The completed form is to be **HAND CARRIED** to the campus personnel office where the student's spouse or parent is employed for approval. The student copy of the approved form will be given to the student at that time and should be maintained.

Approved tuition waiver credit will be posted to registered student's accounts only after completed Tuition Waiver forms are received by the Campus Personnel Services Department. If the student registers or adds additional courses after January 12, 1990, the student copy must be presented to the Bursar to ensure application of credit for partial tuition waiver.

ALL FORMS MUST BE SUBMITTED NO LATER THAN JANUARY 19, 1990.

If the student receiving the partial tuition waiver drops classes or withdraws from the University and is eligible for a refund, the refund computations will be made in such a way as to return the maximum amount to the tuition waiver account.

Remission of Tuition for Faculty and Staff

Every semester an approved Authorization for Remission of Tuition form must be turned in to the College Park Personnel Services Office (Room 1129, Lee Building) in order to receive credit on the student bill for courses taken by faculty and staff members. Usually the authorizing department will forward this form directly to the Personnel Services Office. Each faculty and staff member should check with his/her department to ascertain that the proper forms have been submitted.

Tuition waiver forms for students who registered early must be RECEIVED by campus personnel office before January 12, 1990. Students who register after January 12, 1990 must submit the Tuition Waiver Form and settle their account in full by 3:00 p.m. the following business day. ALL FORMS MUST BE SUBMITTED NO LATER THAN JANUARY 19, 1990.

Published deadlines and procedures for admission, readmission or reinstatement and registration apply to University faculty and staff who wish to take courses.

Questions regarding admission? Contact Admissions Office, 454-5550.
Questions regarding registrations) Contact Registrations Office, 454-5559.
Questions regarding employee remission of tuition? Contact Staff Benefits Office, 454-6312.

Robert T. Stafford Loan Information

The Robert T. Stafford Loan, formerly known as the Guaranteed Student Loan, takes approximately 8 weeks to process. In order for your Stafford Loan check to be available by the Spring 1990 semester payment due date, you should file a Financial Aid Form (FAF) with the College Scholarship Service by October 15, 1989. **The processed results of an FAF and Financial Aid Transcripts from all previously attended post secondary schools must be in the Office of Student Financial Aid (OSFA) before a loan can be processed.** Students may apply for a Stafford Loan only after receiving their award notification from OSFA.

Pending Stafford Loans and promissory notes may not be substituted in lieu of payment. The university does not have a deferred payment program. Payments for students who registered early for the Spring 1990 semester are due on or before January 12, 1990.

Student Loan Deferment Payment Information

Student Loan verifications must be made using the following guidelines:

UNDERGRADUATES:
To qualify for a deferment the student must maintain the credit levels noted below:

FALL/SPRING SEMESTER:
9 or more Credits to be considered **FULL TIME**
6-8 Credits to be considered **HALF TIME**

SUMMER SESSIONS:
6 Credits to be considered **FULL TIME**
3 Credits to be considered **HALF TIME**

GRADUATE STUDENTS:
Graduate students need to have their schedules converted to units. This is done by using the table below. To be considered for a deferment the student must maintain the units noted below:

FALL/SPRING SEMESTER:
48 Credit Units for **FULL TIME**
Graduate Assistantships = 24 units
24 Graduate Units for **HALF TIME**

SUMMER SESSIONS:
24 Graduate Units if **FULL TIME**
12 Graduate Units if **HALF TIME**

Financial Aid Information

Any student receiving financial aid who is contemplating dropping credits should see his/her financial aid counselor before taking such action. Students receiving certain scholarships and grants are expected to maintain a semester credit load of 12 hours. Neither credit (earned) by "Examination" nor courses taken as "Audit" can be counted toward credit level. If the registration of a student with a scholarship or grant that requires 12 hours falls below the minimum requirement, the scholarship or grant is automatically cancelled. Cancellation of a scholarship or grant without subsequent payment of amounts due will lead to an indebtedness to the university. Such indebtedness can in turn lead to severance of services by the university.

A student who has not received final approval of a financial aid award and accepted the award should not expect a credit on his/her bill nor a check at the time of registration. No deferment will be granted and the student should be prepared to pay his/her bill by the first day of classes unless financial aid has been **awarded and accepted** by the student.

Students sponsored by an agency or their employer remain responsible for their fees. When payment is not received by the university from the sponsor, the student will be charged.

Previously registered students' bills will be mailed. Students not registered will complete an estimated bill form at registration time. The following information may be helpful:

1. Scholarships, grants, & workships will be credited to student accounts. A check for any balance remaining after charges are paid will be available for those students receiving financial aid. Perkins Loans will be ordered in checks. **ALL STUDENTS MUST MAKE AN APPOINTMENT TO PICK UP A FINANCIAL AID CHECK. APPOINTMENTS CAN BE MADE BY CALLING 454-4429.** Before a check can be distributed, students must present proof of the required credit hours, their photo ID card or driver's license, and the Fall bill sent to their permanent address. If an awarded financial aid has not been credited on the early registration bill, deduct the approved FA amount for the semester, and pay the balance due.
2. Students who receive scholarships, grants, or loans after classes have begun and who have paid their Student Account for the award period must request a refund in writing from the Office of the Bursar. The refund will take approximately two to three weeks to process after the credit balance appears on the account and the refund request is received.
3. Other scholarships and grants paid to the University by an outside agency will be credited to the student's bill. (Exception — National Merit Scholarship checks will be available in the Office of the Bursar.)
4. Stafford Loan (formerly Guaranteed Student Loan) checks may be picked up at the Office of the Bursar, Room 1103, Lee Building. Before a check can be disbursed, the student must present proof of registration for the required credit hours. Student identification such as the photo ID card or driver's license, and the early registration bill, if applicable, must be provided.
5. Dining Hall cash jobs will be paid bi-weekly to student as work is performed.
6. Dining Hall Workships (and other University Workships) will be credited to the bill after signing contract with Dining Services.
7. College Work Study and other university employment will be paid to the student bi-weekly as work is performed.
8. STUDENTS WHO RECEIVE A PERKINS LOAN MUST SUBMIT PROPERLY EXECUTED PROMISSORY NOTES AND ASSOCIATED FORMS. The loan check cannot be disbursed if the student has not turned in these forms.

   Deferments for repaying Perkins Loans require that students be registered at least half time: undergraduate students — 6 credits; graduate students — 24 academic units.
9. **Students contemplating a withdrawal should consult a Financial Aid counselor prior to the withdrawal.** Aid will be prorated based on attendance. Those considering second withdrawal may not be eligible for aid the subsequent semester.
10. The university will only make adjustments to financial aid awards until the beginning of the next spring semester for students attending the fall semester and June 30 for students attending the spring semester.

SATISFACTORY ACADEMIC PROGRESS FOR FINANCIAL AID
Federal Legislation governing the administration of the Pell Grant, Perkins Loan (formerly National Direct Student Loan), the Supplemental Education Opportunity Grant (SEOG), the College Work-Study (CWS), the Stafford Loan (formerly GSL), and the PLUS/Supplemental Loan requires that colleges and universities define and enforce standards of progress for students receiving or applying for federal financial aid. To comply with that legislation, Standards of Satisfactory Progress have been establisahed, and all recipients of the above-mentioned forms of financial aid are subject to these standards for renewal or receipt of their federal financial aid.

A review of the student's compliance with the Standards of Satisfactory Progress will normally occur at the end of the Spring Semester. Students who have not met the minimum credit hour requirement and/or minimum grade point average requirement will be informed in writing prior to the Fall Semester.

Withdrawal from the University

Procedures for Withdrawal from All Classes

Cancellation of Housing/Dining Contracts is a separate process, see Cancellation of Housing and/or a Meal Plan below.

January 22 or later
1. All students should report to Room 1101, Mitchell Building to complete a withdrawal form.
2. Withdrawal becomes effective on the date the form is filed with the Records Office. Stopping payment on a check does not constitute an official withdrawal. A notation of withdrawal and the effective date of the withdrawal will be posted to the permanent record.
3. Tuition credit will be initiated upon receipt of the Withdrawal Form. The percentage of credit is determined by the date the form is filed in the Records Office.
4. Refer to the chart below for refund information. Registration, Health, Athletic, Shuttlebus and Student Union and Recreation Fees are not refundable. A base figure of $823.00 for resident undergraduate students and $2,516.00 for non-resident undergraduate students is used in computing the amount of the credit adjustment after January 19. Credit adjustments for housing services not utilized are based upon the date of completion of residence halls checkout procedures and not upon the date of withdrawal from classes.
5. Be certain to return all books to the library and clear all financial accounts at the Office of the Bursar, Lee Building. Refunds for credit adjustments will be authorized after all student financial aid adjustments have been processed and any balance remaining on the account has been deducted.

Dates for Refund of Tuition for Withdrawal from All Courses*

		Undergraduate Resident	*Undergraduate Non-resident*
On or before January 19	100%	$1,048.50	$2,877.00
January 22-February 2	80%	716.80	2,179.60
February 5-9	60%	537.60	1,634.70
February 12-16	40%	358.40	1,089.80
February 19-23	20%	179.20	544.90
February 26 and later	0%	0.00	0.00

*Students who have made no payment on their account at the time of withdrawal will be billed according to the above schedule.

In computing refunds to students who have scholarships and loans from University funds, the computation will be made in such a way as to return the maximum amount to the scholarship and loan accounts without loss to the University.

3. The addresses and telephone numbers of the Resident Life and Dining Services Offices are below:

Resident Life	Dining Services
Assignments Office	Contracts Office
2100 Annapolis Hall	0144 South Campus Dining Hall
College Park, MD 20742	College Park, MD 20742
(301) 454-2711	(301) 454-2906

4. After check-in (acceptance of room keys) a student can be released from the Residence Hall Agreement only when one of, but not limited to, the following conditions for release is documented and verified:
   - Academic Dismissal
   - Administrative termination of the Residence Halls Agreement
   - Cancellation of registration
   - Graduation in December
   - Withdrawal from all classes

Please contact Resident Life's Assignments office for more information and other criteria that will allow for release from the Residence Halls Agreement.

Meal Plan Rates 1989-90* + Credit Adjustment

Weeks	*Fall*	*Spring*	*Point*
1	9/4-9/10	1/22-1/28	969.50
2	9/11-9/17	1/29-2/4	908.91
3	9/18-9/24	2/5-2/11	848.32
4	9/25-10/1	2/12-2/18	787.73
5	10/2-10/8	2/19-2/25	727.14
6	10/9-10/15	2/26-3/4	666.55
7	10/16-10/22	3/5-3/11	605.96
8	10/23-10/29	3/12-3/16	545.37
		Spring Break	
9	10/30-11/5	3/26-4/1	484.78
10	11/6-11/12	4/2-4/8	424.19
11	11/13-11/19	4/9-4/15	363.60
12	11/20-11/22	4/16-4/22	303.01
	Thanksgiving		
13	11/27-12/3	4/23-4/29	242.42
14	12/4-12/10	4/30-5/6	181.83
15	12/11-12/17	5/7-5/13	121.24
16	12/18-12/22	5/14-5/24	60.65

Cancellation of Campus Housing and/or Meal Plan

Charges for Room and Board are not refundable unless the student effectively completes Resident Life and/or Dining Services release procedures.

1. The Dining Services I.D. Cards must be turned in to the Dining Services Business Office or a $15.00 fine per card will be incurred.
2. A student who requests cancellation of his/her Dining Services Agreement must have the approval of the Department of Dining Services. If approved, there will be a $40.00 charge for cancelling the contract in addition to the prorated charge for meals.

On-Campus Housing Credit Adjustment Schedule

(New to Residence Halls)

Date Cancellation Notice Received by Resident Life	*Financial Obligation To Resident Life*
November 27 or before	*No financial obligation*
November 28-December 11	*1 week's housing— 74.69*
December 12-25	*2 weeks' housing—149.38*
December 26-January 8	*3 weeks' housing—224.06*
January 9 and prior to check-in	*4 weeks' housing—298.75*
After check-in	*Consult Residence Halls Agreement*

Refunds for Special Courses

CHEM 001, COOP 098/099, ENGL 001, MATH 001, MATH 002 — Refunds: A part-time or full-time undergraduate who drops MATH 001, MATH 002, ENGL 001, or CHEM 001 will receive an 80% refund of the special fee if the course is dropped during the first five (5) days of classes and 0% thereafter. MATH 001, MATH 002, ENGL 001, or CHEM 001 will still be counted in the determination of hours for full-time or part-time status, notwithstanding the refund policy.

A part-time or full-time undergraduate student who drops COOP 098/099, or ENCO 098/099 will receive an 80% refund of the fee if the course is dropped during the first five (5) days of classes and 0% thereafter.

Refund Requests

To Obtain A Refund: To obtain a refund of a credit balance: a STUDENT must request the refund in writing. This can be done by: (1) addressing a letter to: Office of the Bursar, University of Maryland, College Park, Md. 20742, or (2) completing a request form available at the Student Counter, 1103 Lee Building. NO CREDIT BALANCE IS AUTOMATICALLY REFUNDED. Approximately two to three weeks is required from the time a credit balance appears on the account and a refund request is received until a check is mailed from The State Treasurer's Office in Annapolis. THE CHECK WILL BE MADE PAYABLE TO THE STUDENT and mailed to the student's permanent address. Refund checks will not be mailed to a campus address.

Final Examination Schedule
Spring Semester 1990

All final examinations must be held on the examination days of the Official Final Examination Schedule. No final examination shall be given at a time other than that scheduled in the Official Examination Schedule without permission of the department chair.

A final examination will be given in every undergraduate course. Exceptions may be made with the written approval of the chair of the department and the dean. Please read all sections of the Final Examination Schedule. For additional information, see "Examinations" in the Undergraduate Catalog.

1. STANDARD FINAL EXAM TABLE

Examination Time	*Classes Scheduled*
May 16, Wednesday	
8:00–10:00	MWF 10
10:30–12:30	MWF 3
1:30– 3:30	BMGT 221, 311, 424 SPAN 204
May 17, Thursday	
8:00–10:00	MWF 11
10:30–12:30	TuTh 2 TuTh 2–3:15
1:30– 3:30	MATH 001, 002, 110, 111, 115, 140, 141, 141H, 210 211, 220, 221 240, 241, 241H 246, 246H, 251 256 STAT 100
May 18, Friday	
8:00–10:00	MWF 9
10:30–12:30	TuTh 11 TuTh 11–12:15
1:30– 3:30	BMGT 310, 332, 422 PHYS 161, 263 FREN 101, 102, 103, 203
4:00– 6:00	ECON 201 ENES 221 ITAL 101, 102
May 19, Saturday	
8:00–10:00	MWF 2
10:30–12:30	TuTh 12, TuTh 12:30–1:45
1:30– 3:30	ECON 203, 430, PHYS 121, 262
4:00– 6:00	CMSC 103, 112, 113, BMGT 301, 302, 440

Examination Time	*Classes Scheduled*
May 21, Monday	
8:00–10:00	MWF 1
10:30–12:30	CHEM 103, 104, 111, 113, 115, 233, 243, 245, 481, 482
1:30– 3:30	TuTh 9, TuTh 9:30–10:45
May 22, Tuesday	
8:00–10:00	MWF 12
10:30–12:30	TuTh 8, TuTh 8–9:15
1:30– 3:30	ENES 110, 110H, 220, EDMS 451, HEBR 112, RUSS 102, 202
May 23, Wednesday	
8:00–10:00	MWF 8
10:30–12:30	TuTh 3, TuTh 3:30–4:45
1:30– 3:30	GERM 101, 102, 103, 104, CMSC 150
4:00– 6:00	TuTh 10
7:00– 9:00	TuTH 1

2. EXAMS FOR CLASSES BEGINNING AT 4 P.M. AND LATER

Final examinations for classes beginning 4:00 p.m. and later are given on the same day and at the same time the class normally meets during the semester. (For example, a class scheduled on Tuesday, 4:15–7:00 p.m. has its exam on Tuesday, May 22, at 4:15 p.m.). Classes scheduled on Thursdays at 4:00 p.m. and later have their final exams on Thursday, May 17. Exams will be given in regularly scheduled classrooms. The department will notify faculty of any exceptions to the time and room.

3. COMMON FINAL EXAMS

Final examinations for all sections of the following courses are given at the times listed in the above schedule. Note that these exam times do not depend on the hour or day at which the particular section meets. The rooms in which these examinations will be held will be announced in class.

BMGT 221, 301, 302, 310, 311, 332, 422, 424, 440
CHEM 103, 104, 111, 113, 115, 233, 243, 245, 481, 482
CMSC 103, 112, 113, 150
ECON 201, 203, 430
EDMS 451
ENES 110, 220, 221
FREN 101, 102, 103, 203
GERM 101, 102, 103, 104
HEBR 112
ITAL 101, 102
MATH 001, 002, 110, 111, 115, 140, 141, 141H, 210, 211, 220, 221, 240, 241, 241H, 246, 246H 251, 256
PHYS 121, 161, 262, 263
RUSS 102, 202
SPAN 204
STAT 100

4. EXAMS FOR BMGT COURSES NUMBERED 600 AND ABOVE.

Final examinations for BMGT course numbered 600 and above are subject to the general guidlines outlined in Notes A, B, & C below. The rooms in which these examinations will be held will be announced in class.

A. Examination times for required MBA courses taught at night are based on the time the course normally meets irrespective of course number.
B. Examination times for required MBA courses that are taught during the day are based on course number irrespective of the time the course normally meets.
C. Examination times for all BMGT courses number 600 and above which are not covered by notes A & B, will follow the exam schedule a the top of this page. However, exams will be three hours.

Examination Time	*Classes Scheduled*
May 16, Wednesday	
9:00–12:00	BMGT 690 TuTh 2:00-3:15 MW 2:00-3:15 MW 3:30-4:45
May 17, Thursday	
9:00–12:00	BMGT 640 MW 9:30-10:45 MW 11:00-12:15
May 18, Friday	
9:00–12:00	BMGT 631 TuTh 11:00-12:15 MW 11:00-12:15 MW 3:00-4:15

Examination Time	*Classes Scheduled*
May 21, Monday	
9:00–12:00	BMGT 660 TuTh 9:30-10:45 MW 12:30-1:45 MW 2;00-3:15
May 22, Tuesday	
9:00–12:00	BMGT 611 TuTh 11:00-12:15 TuTh 12:30-1:45 MW 12:30-1:45
May 23, Wednesday	
9:00–12:00	BMGT 671 TuTh 12:30-1:45 TuTh 3:30-4:45

Academic Dishonesty

A. CHEATING

Intentionally using or attempting to use unauthorized materials, information or study aids in any academic exercise.
Comments:
1. Students completing any examination should assume that external assistance (e.g., books, notes, calculators, conversation with others) is prohibited unless specifically authorized by the instructor.
2. Students must not allow others to conduct research or prepare any work for them without advance authorization from the instructor. This comment includes, but is not limited to, the services of commercial term paper companies.
3. Substantial portions of the same academic work may not be submitted for credit or honors more than once without authorization.

B. FABRICATION

Intentional and unauthorized falsification or invention of any information or citation in an academic exercise.
Comments:
1. "Invented" information may not be used in any laboratory experiment or other academic exercise without notice to and authorization from the instructor.
2. One should acknowledge reliance upon the actual source from which cited information was obtained.
3. Students who attempt to alter and resubmit returned academic work without notice to the instructor would be in violation of this section.

C. FACILITATING ACADEMIC DISHONESTY

Intentionally or knowingly helping or attempting to help another to commit an act of academic dishonesty.

D. PLAGIARISM

Intentionally or knowingly representing the words or ideas of another as one's own in any academic exercise.
Comments:
1. *Direct Quotation:* Every direct quotation must be identified by quotation marks or by appropriate identificate and must be promptly cited in a footnote. (Proper footnote style for many academic departments is outlined by the MLA Style Sheet or K.L. Turabian's, *A Manual for Writers of Term Papers, Thesis and Dissertations.*)
2. *Paraphrase:* Prompt acknowledgement is required when material from another source is paraphrased or summarized in whole or in part in your own words.
   A footnote acknowledging only a directly quoted statement does not suffice to notify the reader of any preceding or succeding paraphrased material.
3. *"Borrowed Facts or Information":* Information is obtained in one's reading or research; which is not common knowledge among students in the course, must be acknowledged.
   Materials which contribute only to one's general understanding of the subject may be acknowledged in the bibliography and need not be immediately footnoted.

ACADEMIC DISHONESTY IS A SERIOUS OFFENSE WHICH FREQUENTLY RESULTS IN SUSPENSION OR EXPULSION FROM THE UNIVERSITY

TO REPORT ACADEMIC DISHONESTY DIAL 454-4746 AND ASK FOR THE "CAMPUS ADVOCATE"

STUDENTS ACCUSED OF ACADEMIC DISHONESTY SHOULD REQUEST A COPY OF THE DOCUMENT "PREPARING FOR AN ACADEMIC DISHONESTY HEARING," AVAILABLE IN THE JUDICAL PROGRAMS OFFICE (454-2927)

Change of Address Procedure

Change in either local mailing or permanent address can be processed AT ANY TIME DURING THE SEMESTER IN WHICH THEY OCCUR. Address changes are posted to the computer by the Office of the Bursar. Address Change Forms are available at the following places:

1. Office of the Bursar, Address Unit, Lee Building, Room 1121 or 1103, 8:30 a.m. to 4:15 p.m., Monday-Friday.
2. Registration Counter, Mitchell Building, First Floor Lobby, 8:30 a.m.-4:30 p.m. Monday through Friday.
3. Deans' Offices, 8:30-4:30 p.m., Monday-Friday

Since many University communications to students are handled through the mail, it is imperative that accurate and up-to-date addresses be maintained throughout the enrollment period. During the academic year the permanent address for currently registered students will be used for grade reports, combined early registration schedules and bills, and other billings. The local address on file for currently registered students will be used for all other mailings. The permanent address on file for students not currently registered will be used for all mailings. Any student wishing his/her address to be kept confidential should contact the Registration Counter.

All requests for non-disclosure of information will be implemented as soon as publication schedules will reasonably allow. The University will use its best efforts to maintain the confidentiality of those categories of information which a student properly requests not be publicly disclosed. The University, however, makes no representations, warranties or guarantees that information designated for non-disclosure will not appear in public documents.

Change of Name Procedure

A change of name can be processed at any time during the semester in which it occurs. Name Change forms are available at the Registration Counter, Mitchell Building, First Floor Lobby, 8:30 a.m.-4:30 p.m., Monday-Friday. Proof of name change (court order, marriage license, driver's license) must be submitted with name change form.

Computer Science Center

Non-credit Training Courses (Spring 1990)

The Computer Science Center offers a series of *free* workstation training classes scheduled during evening and weekend hours. Classes in the use of workstations (e.g. the IBM PC, XT, AT, PS/2 and Macintosh microcomputers) are designed to be a hands-on experience for those who wish to use a computer to do their class assignments and work.

The classes include: Introduction to the IBM PC and MS-DOS, Wordperfect 5.0, and LOTUS 1-2-3 on the IBM PC, Introduction to the Macintosh, and MacWrite II on the Macintosh. An additional class on Telecommunications and file transfer is also offered. Instructors for the classes are computer experienced students. Call 454-6945 for scheduling information, or drop by CSC room 3326 to register for classes.

The workstation training courses are in addition to the CSC's traditional non-credit short courses which, this Spring, will include surveys of UNIX and C, statistical software, communications, and networking. A small fee is charged for these classes. For further information call 454-4261.

Credit by Examination
(Undergraduate Students)

Credit may be earned by examination for any undergraduate course for which a suitable examination has been adopted or can be prepared by the department granting the credit. This option is not available, however, for courses in which the student has been registered beyond the end of the Schedule Adjustment Period, i.e., the first 10 days of classes.

Additional information regarding availability of examinations, applications, fees and other regulations is available from the Undergraduate Advising Center, Room 1117, Hornbake Library. See Ms. Crouch, 454-2731.

Disabled Student Services

A division of the Counseling Center, located in Shoemaker Hall, Room 0126. Services are available for students with documented disabilities. Services may include: readers, writers, interpreters, assisting with physical access and assitance with registration. Services must be arranged in advance and students are encouraged to contact Disabled Student Services as early as possible. Hours of operation are 8:30-4:30 Monday through Friday. Our telephone number is 454-5028 (voice) or 454-5029 (TDD).

Counseling Center

The Counseling Center provides comprehensive psychological and counseling services to meet the mental health and developmental needs of students. Records kept as part of providing counseling services are **confidential** and are not part of the University's educational records. The Counseling Center, located in Shoemaker Building, is open Monday-Thursday 8:30-9:00 and Friday 8:30-4:30.

In order to meet the needs of the University community, the Counseling Center provides the following special services and programs:

Counseling Service. Psychologists provide professional individual and group counseling services for students with social-emotional and educational-vocational concerns. Counseling is available for individuals and groups to overcome depression, career indecisiveness, anxiety, loneliness and other problems experienced by students. Workshops ranging from developing assertiveness and self-esteem to stress management are offered. A 3:00 p.m. Minority Student Walk-In Hour is held daily. The Center also provides a series of tape-recorded interviews with all College Park department heads covering course and career options in their fields. Telephone: 454-2931.

Disabled Student Services (DSS). Professionals provide interpreters for the deaf, readers for the blind, assistance with registration, administration of classroom exams, assistance for students with learning disabilities and access guides to campus buildings. Students are encouraged to contact the office as early as possible. Located in Room 0126 Shoemaker, office hours are 8:30-4:30 Monday-Friday. Telephone 454-5028 (voice) or 454-5029 (TDD).

Learning Assistance Service (LAS). Educational Specialists offer individual and group sessions for improving academic skills such as reading, writing, listening, note taking, and how to learn mathematics and science material. Workshops cover such topics as study skills, time management, learning math skills, exam anxiety, and learning English as a second language.

Returning Students Program. A wide variety of workshops, ongoing consultation, counseling, referrals, and orientation programs are provided to address the needs of students aged 25 or over who are beginning or coming back to school after a break in their formal education. A one credit course, EDCP 108R, is offered Spring and Fall semesters to provide returning students with study skills techniques and information about campus resources, as well as exploration of academic, career and personal goals. A new offering this year is the Returning Students Coffee and Conversation Group. Drop in any Monday 1:00-2:00 with your lunch. Located in Room 2201 Shoemaker. Telephone: 454-2935.

Testing, Research and Data Processing Service. National testing programs such as CLEP, GRE, LSAT, MCAT, GMAT and Miller Analogies are administered through this office as well as testing for counseling purposes, including vocational assessment. In addition, the staff members provide a wide variety of research reports on characteristics of students and the campus environment. Telephone: 454-3126.

Parent Consultation and Child Evaluation Service. Professional help is available through consultation, testing, and counselng for youngsters ages 5-14 and families. Telephone: 454-7203.

Counseling Center services allow students to overcome barriers to their learning and development. Center professionals are highly committed to help you reach your goals. Call or come to the Shoemaker Building for more information or to schedule an appointment.

Emergency Weather Conditions

Stations designated to broadcast emergency condition reports:

Radio Station	*Frequency*	*Location*	*TV Station*	*Channel*	*Location*
WTOP	1500 AM	D.C. Area	WRC	4	D.C. Area
WKYS	980 AM	D.C. Area	WJLA	7	D.C. Area
WMAL	630 AM	D.C. Area	WUSA	9	D.C. Area
WGMS	103.5 FM	D.C. Area	WMAR	2	Baltimore Area
WBAL	1090 AM	Baltimore Area	WJZ	13	Baltimore Area
WCAO	600 AM	Baltimore Area	WBAL	11	Baltimore Area

CAMPUS INFORMATION: 454-3311

Engineering Jobs Hotline — 454-7676

This is a listing of currently available part-time, off- and on-campus engineering jobs paying various hourly rates. The line is in operation 24 hours a day. Call **454-7676.**

Experiential Learning Programs

0119 Hornbake Undergraduate Library, 454-4767

Experiential Learning Program (ELP) offers four of the University's most exciting learning opportunities—internships, cooperative education, volunteer service, and student exchange. Each is designed to give students "hands-on" experience that can help them integrate classroom learning with practice, gain valuable on-the-job experience, make professional contacts, observe career fields first-hand, experience different educational, work or cultural environments and clarify personal and professional goals.

Internships

An internship is a paid or unpaid work experience with specific educational objectives that may be granted academic credit. Students can use extensive ELP listings, which include more than 2000 opportunities in more than 1300 organizations, businesses and agencies to identify possible internships. Directories and catalogues are also available in the ELP office which describe hundreds of other local and national positions. In addition, the ELP staff can show students how to investigate and design unique internship opportunities which might not be listed in our files. Once students have found a placement, they can enlist a full-time faculty member to provide sponsorship for academic credit.

Internship Credit Policies for ____386/____387

Students can earn academic credit for their internship experience through departmental internships or through the campus-wide internship courses ____386 Field Experience and ____387 Analysis of Field Experience. The following are Campus Senate Policies regarding ____386/____387:

- ____386 and 387 may be taken by any students with the permission of a full-time faculty member, **if** it is a departmental option and in accordance with departmental requirements and internship policies.
- ____386 and ____387 **must** be taken concurrently.
- ____386 and ____387 are variable credit courses. Each may be awarded from 1-3 credits with a maximum of 6 credits for the two courses combined, unless otherwise stipulated by departmental policy.
- ____386 and ____387 may be taken only once in a given department.
- ____386 and ____387 may be taken in only one department per semester.
- ____386 and ____387 may be taken for a maximum of 24 credits in an undergraduate program.

Mandatory Learning Proposals

Learning Proposals, which can be obtained in the ELP office, are mandatory for all students taking ____ 386 Field Experience and ____ 387 Analysis of Field Experience. The Learning Proposal is a learning contract that spells out and clarifies the nature of a student intern's placement, learning objectives, specific responsibilities, supervision, in-service training, method of evaluation, and contact with the faculty sponsor. The process for developing a Learning Proposal is intended to include the student, faculty sponsor and the on-site supervisor, all of whom must sign the finished proposal before it is returned to ELP.

Students must have Learning Proposals completed and copies to ELP, faculty sponsors and on-site supervisors **must be submitted by the end of the late registration for the semester or summer session in which credits will be earned.** If the Learning Proposal is not completed, the student may have his/her ____ 386 / ____ 387 credit removed. It is, however, strongly recommended that the Learning Proposal be completed before a student registers for ____ 386/ ____ 387. Thus, the student, faculty sponsor and on-site supervisor can be in agreement about the expectations of the internship experience prior to registration.

Cooperative Education for Liberal Arts, Business and the Sciences

Cooperative Education is the most intensive form of experiential learning. Co-op students are expected to work the equivalent of 6 months of full-time paid employment. Co-op employers include hundreds of agencies within the federal government and leading private organizations. Most co-op students are offered permanent positions after graduation. To be eligible a student must have completed 36 college credits, 12 UMCP credits (undergraduates) or 9 UMCP credits (graduate students) each semester before they co-op, and maintain a 2.0 G.P.A. cumulative, in their major, and each semester before co-oping (undergraduates) or 3.0 G.P.A. (graduate students) cumulative in major. Sign-up for one of our weekly information sessions to learn how co-op can help you earn a future while you earn a degree! But remember, you need to apply a full semester in advance of when you would like to co-op, so stop by today!

Volunteer Service

Students can learn while being of service to others as a student volunteer. The ELP office lists more than 400 different opportunities for community and public service in a variety of settings, addressing such issues as child welfare, family services, literacy, hunger, homelessness, and environmental preservation. Students are encouraged to incorporate some volunteer service as part of their undergraduate experience. The opportunities to be of service are almost without limit.

National Student Exchange Program (NSE)

The National Student Exchange Program offers UMCP students the opportunity to study at 87 participating public colleges and universities in the U.S. and its territories. UMCP students pay their Maryland tuition and fees and room and board at the host campus. Students may exchange for a semester or a year. NSE offers the opportunity to explore new geographical settings, investigate graduate school options, experience academic diversity, and study under different educational and social circumstances in various parts of the continental U.S., Hawaii, Alaska, the Virgin Islands, Guam, and Puerto Rico. The application deadline is March 1st for the following academic year and students who are interested in NSE are encouraged to contact the ELP office as soon as possible to plan for their exchange. Students may not exchange during their senior year. You must have at least a 2.5 G.P.A. at the time of application and exchange.

Golden Identification Card Program

College Park participates in the University of Maryland's Golden Identification Card Program. The institution will make available courses and various services to persons who are 60 years of age or older, who are legal residents of the State of Maryland and who are retired (not engaged in gainful employment for more than 20 hours per week); or who are under 60 years of age and are disabled as defined by the Social Security or Railroad Retirement Act and retired under a bona fide pension plan. When persons eligible for this Program apply for the Program and are admitted to the University, they register on a space available basis for credit courses as regular or special students in any session and receive a Golden Identification Card. Golden ID students must meet all course pre-requisite and co-requisite requirements. Golden ID students are not eligible for Consortium courses with the waiver of fees. College Park tuition and most other fees are waived. Golden ID students may register for a maximum of three courses per term. The Golden Identification Card will entitle eligible persons to certain academic services, including the use of the libraries, as well as certain other non-academic services. **Such services will be available during any session only to persons who have registered for one or more courses for that session.**

Golden ID students also have the opportunity to become involved with the Golden ID Student Association which provides cultural and social events, course recommendations, and peer advising.

Additional information may be obtained from the Office of Undergraduate Admissions, Mitchell Building, 454-5550, or the Golden ID Student Program, Room 0119 Hornbake Library, 454-4767.

Guidelines to Administration for Examinations and Tests, Including Those on Religious Holidays

All examinations and tests shall be given during class hours in accordance with the regularly scheduled (or officially "arranged") time and place of each course listed in the *Schedule of Classes and/or the Undergraduate Catalog.* Unpublished changes in the scheduling or location of class/tests must be approved by the department chairman and reported to the Dean. It is the responsibility of the student to be informed concerning the dates of announced quizzes, tests and examinations.

It is the policy of the University to excuse the absences of students that result from religious observances and to provide without penalty for the rescheduling of examinations and other written tests that fall on religious holidays. In addition, examinations and other written tests may not be scheduled on Rosh Hashannah, Yom Kippur, or Good Friday.

A make-up examination, when permitted, must be given on Campus, unless the published schedule and course description require other arrangements. The make-up examination must be at a time and place mutually agreeable to the instructor and student, cover only the material for which the student was originally responsible, and be given while the material is still current. The make-up must not interfere with the student's regularly scheduled classes. In the event that a group of students require the same make-up examination, one make-up time may be scheduled at the convenience of the instructor and the largest possible number of students involved. Under the same guidelines students shall have equal access to all information and drills missed due to the reasons listed.

An instructor is not under obligation to give a student a make-up examination unless the absence was caused by illness, religious observance, participation in University activities at the request of University authorities, or compelling circumstances beyond the student's control. In cases of dispute the student may appeal to the Chair of the department offering the course, *within one week from the date of the refusal of the right to take a make-up exam.*

Health Center

Check out the Health Center located directly across from the Stamp Union on Campus Drive for primary care of illness and injury, health promotion and maintenance, consultation or education. Health Center services include the dental clinic, men's clinic, women's clinic, skin care, sports medicine, physical therapy, nutrition counseling, mental health, social services, laboratory, and a pharmacy. Individual and group health education programs are also available on topics such as sexual health and contraception, stress management, substance use and abuse, and sexuality and communication.

The Health Center is open 24 hours, seven days a week. Hours vary during semester breaks and holidays. Appointments are recommended. Students, however, are also seen on a walk-in basis. Some problems may require referral outside the Health Center at the student's expense.

Currently registered students who have paid the health fee are eligible for care. This fee covers most routine costs. There are additional charges for special services such as X-ray, laboratory tests, dental treatment, allergy injections, and pharmacy supplies.

All information in student medical records is confidential. Medical information is released only with the student's written permission or court-ordered subpoena. The Health Center does not issue routine absence excuses for illness or injury. In cases of prolonged absence or a missed exam, with the student's signed permission, the Health Center will verify dates of treatment.

Health Center telephone numbers to remember: information X3444, appointments X4923, mental health service X4925, pharmacy X6439, health insurance X6750, health education X4922.

UMCP Human Relations Code

THE UMCP HUMAN RELATIONS CODE PROHIBITS DISCRIMINATION WITHIN THE COLLEGE PARK COMMUNITY ON THE BASES OF:

- race
- color
- creed
- sex
- sexual harassment
- age
- marital status
- national origin
- personal appearance
- political affiliation
- mental or physical handicap
- the exercise of the rights secured by the First Amendment of the United States Constitution, such as the right to assemble peacefully, freedom of speech, including the expression of sexual preference.

If you feel you have been subjected to any form of discrimination, you may file a complaint with a member of the Human Relations Code Equity Team, which includes:

DR. GLADYS BROWN
Director,
Human Relations Programs
1107 Hornbake Library
x4707

EQUITY ADMINISTRATORS:

DR. AMEL ANDERSON
College of Agricultural and Life Sciences
1110 Symons Hall
x5981

DR. MARILYN BERMAN
College of Engineering
1137 Engineering Classroom Bldg.
x7386

DR. CORDELL BLACK
Equity Affairs
3104 Jimenez Hall
x4303

DR. WILLIAM CUNNINGHAM
College of Library and Information Services
4111C Hornbake Library
x2376

DR. MARIE DAVIDSON
Academic Affairs
1119E Main Administration Bldg.
x2052

MR. RICHARD ELLIS
College of Computer, Mathematical, and Physical Sciences
2300 Mathematics Building
x4906

MS. SHARON FRIES
Student Affairs
2108 Mitchell Building
x2925

MR. RAY GILLIAN
Office of the President
1111 Main Administration Bldg.
x4703

MS. CARI HOWARD
Institutional Advancement
2101 Turner Laboratory
x3322

DR. DIANA JACKSON
College of Behavioral and Social Sciences
2141 Tydings Hall
x5272

DR. JEANETTE KREISER
College of Education
3119 Benjamin Building
x1524

MR. JAMES NEWTON
College of Engineering
1131L Engineering Classroom Bldg.
x7219

MS. COLLEEN (COKE) FARMER
College of Physical Education, Recreation and Health
2314 PERH Building
x3096

DR. WILLIAM POWERS
School of Public Affairs
2106 Morril Hall
x7401

MR. STEPHAN SACHS
School of Architecture
1205 Architecture Building
x5215

MS. VIVIAN SALTERS
Personnel/Human Relations
1105 Symons Hall
x3743

MS. BARBARA HOPE
College of Human Ecology
1100 Marie Mount Hall
x5387

DR. GRIEG STEWART
College of Journalism
1117 Journalism Building
x2228

DR. SYLVIA STEWART
Administrative Affairs
1132 Main Admin. Building
x2367

DR. DEBRA STEWART
College of Bus. and Mgmt.
2136 Tydings Hall
x4314

Identification Cards

New Photo Identification Cards will not be issued to students who currently have them.

Students who registered early for the Spring 1990 session will receive a new Registration Card along with their Class Schedule and Bill. This card will validate the Photo Identification Card. Both cards should be carried at all times.

Students who have not registered will receive identification cards when they do register.

Together the Photo Identification Card and Registration Card can be used by all students to withdraw books from the libraries, for admission to most athletic, social, and cultural events, and as a general form of identification on campus. Students who have food service contracts must use the Photo Dining Services Card for admission to the dining halls.

There is a replacement charge of $1.00 for lost or stolen Registration Cards and $7.00 for lost, stolen, or broken Photo Identification Cards.

Questions concerning the identification system should be addressed to the Office of Registrations (454-5365).

International Student Information

F-1 Visa Students: Students with F-1 status are responsible for following the regulations of the U.S. Immigration and Naturalization Service pertaining to their F-1 student status. The regulations affect extension of stay, transfers, off-campus employment authorization, practical training and course loads. The Office of International Education Services is the only authorized office on campus to sign documents which must be forwarded to the Immigration Service.

Students on Nonimmigrant Student (F-1 and J-1) Visas: In order to maintain full-time student status for immigration purposes, undergraduate students are expected to register for and complete a minimum credit load of 12 hours per semester; graduate students are expected to register for and complete a minimum of 48 graduate units per semester. The Office of International Education Services must be notified in advance if you are going to complete the semester below the required minimum course load. Please watch for announcements from the Office of International Education Services about future changes in Immigration regulations.

Passports: Your passport must be kept valid at all times for at least six months into the future.

All Students on Immigration and Nonimmigrant Visas: Every semester, you are required to notify the Office of International Education Services of any change in your address and/or telephone number, in addition to notifying the Office of Registrations and Records. You will be required to show proof of health insurance.

International Students Information and Questions: The Office of International Education Services, Room 2113, Skinner Building. Phone: 454-3043.

Job Referral Service

The Job Referral Service, an extension of the Office of Student Financial Aid, maintains listings of available part-time, temporary, and summer jobs located on and off campus. There is no financial evaluation to determine the eligibility for positions listed. The jobs are offered independent of need.

This service is available at no cost to prospective employers and students. Employers list their vacancies through our office by calling 454-2821. Students must be enrolled for the current semester at the University of Maryland, College Park campus or University College. Employment advising is available by appointment or on a walk-in basis.

The Job Referral Service is located in Room 3120 Hornbake Building (South Wing) and is open Monday-Friday from 8:30 a.m.-4:30 p.m. Students are encouraged to stop by or call 454-2490 for more information about the service.

Off-Campus Housing Service

The Office of Commuter Affairs provides a free listing and referral service for all students, faculty and staff of the University who are seeking housing or have a property to rent. The office is located in 1195 Stamp Student Union and is open Monday-Friday, 8:30 a.m.-4:30 p.m. 454-3645.

Office of Public Service

The Office of Public Service provides information referral to outside callers interested in using the resources of any of the University of Maryland System's eleven member institutions and major components. Help is available to staff and students too. Located in the Wilson H. Elkins Building, System Administration. Hotline number: 454-3000.

Study Abroad

Advising is available on study, travel, and work abroad opportunities. Listed below are study programs sponsored by the University of Maryland. If you do not see a program that interests you, advisors can refer you to numerous other programs sponsored by U.S. and foreign institutions.

Study in London—The curriculum consists of courses in the Humanities, Business and the Social Sciences which focus on Britain. Students are housed with families or in flats to increase their immersion in British life.

Study in Israel—Offers a semester of study in Israel for the Spring Semester. The program includes a four-day orientation in Tel Aviv and Jerusalem, a kubbutz stay and an intensive Hebrew language course. Students then attend Tel Aviv University where they take courses taught in English that focus on Israeli and Middle East studies.

Study in China—Offers intensive Chinese language at the beginning to advanced levels during a spring semester in Beijing.

Study in Denmark—The curriculum offers courses in English focusing on contemporary Europe. Students housed with families or in dorms.

Study in Brazil—Offers courses in Portuguese at the Pontifical Catholic University of Rio de Janeiro.

Study in France—This program offers special courses for foreigners or regular courses at the University of Nice for a full year or spring semester.

Summer programs—For 1990 the following will be offered: German language in Kassel, West Germany, Spanish Language in Madrid, Spain, architecture in Turkey, and historic preservation in Northern England.

Maryland Exchanges—There are exchanges with schools in England, Japan, Austria and Germany. All require at least 2 years of appropriate language study and a 3.0 GPA.

FOR INFORMATION, CONTACT: Study Abroad Office, 2109 Skinner Building, 454-8645.

Student Employment Center

The Student Employment Center is a centralized service for undergraduate students seeking on-campus employment within the Departments of Resident Life and Residential Facilities. The SEC maintains job descriptions of all the positions for which the Departments are recruiting and hiring. Positions include but are not limited to: desk receptionist, Resident Assistants, security staff, pest control crew, and building and grounds maintenance. The SEC provides a free service to all undergraduate students at the University of Maryland.

The Student Employment Center is located in Room 0117 of Cumberland Hall. Hours are: Monday-Friday 8:30 to 4:30. Telephone: 454-5111.

Policy on Non-Discrimination

The University of Maryland is an equal opportunity institution with respect to both education and employment. The University's policies, programs and activities conform to pertinent federal and state laws and regulations on non-discrimination regarding race, color, age, national origin, sex, and handicap. Inquiries regarding compliance with Title VI of the Civil Rights Act of 1964 as amended. Title IX of the 1972 Education Amendments, Section 504 of the Rehabilitation Act of 1973, or related legal requirements should be directed to the appropriate individual designated below.

Campus Compliance Officer and the Acting Director of the Office of Human Relations
Room 1107, Hornbake Library
University of Maryland, College Park
College Park, Maryland 20742

Campus Coordinator for §504 of the Rehabilitation Act of 1973
Room 2101, Main Administration Building
University of Maryland, College Park
College Park, Maryland 20742

Sexual Harrassment

A revision of the 1980 statement on sexual harrassment has been issued by The President's Office. The statement, entitled Campus Policy and Procedures on Sexual Harrassment, may be obtained by calling the Human Relations Office, X4707.

Shuttle-UM

Shuttle-UM offers commuter transit, night campus security transportation, charter service, and special service for disabled students. Commuter and evening schedules are available at the Stamp Union Information Desk, the Office of Commuter Affairs, and at the Shuttle-UM Office in Lot 7. For information, disabled transit scheduling, or chartering call 454-2255 (X CALL). Shuttle-UM is a student operated transit service. For employment information, call 454-2255.

Smoking Policy

Effective with the Spring 1986 semester, a campus wide smoking policy went into effect. The policy of the College Park campus is to achieve a public environment as close to smoke-free as practicably possible.

The campus smoking policy is comprised of the following guidelines:

Smoking is prohibited in indoor locations where smokers and non-smokers occupy the same area. This includes academic areas such as: classrooms, lecture halls, laboratories, and libraries. Other no smoking areas include: conference rooms, indoor athletic facilities, theatres, retail stores, health facilities, and common/public areas such as: stairwells, elevators, lobbies, hallways, reception areas, and restrooms.

As a general rule, preferential consideration shall be given to non-smokers whenever it is clear that they are being exposed involuntarily to smoke. This policy relies on the thoughtfulness, consideration, and cooperation of smokers and non-smokers for its success. It is the responsibility of all members of the campus community to observe the Smoking Policy and Guidelines, and to direct those who choose to smoke to designated 'Smoking Permitted' areas.

TEL-UM INFO — A Phone Service of Free Information

QUESTIONS ABOUT UM?

. . . Call TEL-UM for the answers to the most commonly asked questions. Easily accessible information and referral to the appropriate person or office for follow-up.

Local 454-INFO / In Maryland — YOU MUST DIAL 1 (800) then 492-0703 for access / Outside Maryland (301) 454-INFO

CALLING PROCEDURE:

- Select the tape number from the listing which you want to hear.
- Dial the appropriate phone number.
- Listen to the message library.
- Listen to the directions and push required number.
- Listen to the information.
- If you wish to hear another tape, stay on the phone and you will be able to select again.

HOURS OF OPERATION

TEL-UM INFO is available seven days a week, excluding holidays, according to the following schedule: 24 hours a day for those with touch tone phones and from 8:30 a.m.-11:30 p.m. for those with rotary phones.

TEL-UM TAPES

INFORMATION PERTAINING TO STUDENTS — SECTIONS I-III

I. Admissions
100 — Application Process (undergraduate)
101 — Application Process (graduate)
102 — Transfer of Academic Credit
103 — Transcript Requests
104 —Withdrawing From/ Returning to the University
105 — Readmission
106 — Application for Summer Sessions

II. Selective Majors Programs
110 — Special Requirements: College of Business and Management
111 — Special Requirements: School of Architecture
112 — Special Requirements: College of Engineering
113 — Health Professions: B.S. Level
114 — Honors Program

III. Services for New Students
120 — Orientation Services for Freshman, Transfer, and Parents
122 — Campus Activities/ Events Available to New Students
123 — Tours of Campus
124 — Campus Size — A Help or Hindrance?

ADVISING AND REGISTRATION ISSUES — SECTIONS IV-V

IV. Advising Issues
130 — Academic Advising
131 — Pre-Professional Programs and Advising
132 — Choosing a Major
133 — Changing a Major or College

V. Registration
140 — Early Registration
141 — Registration During Orientation
142 — Registration Procedures for Students Who Can't Attend Orientation
143 — Armory Registration
144 — Changes in Registration: Drop/Add/Cancellation
145 — Student I.D. Cards

FEES/FINANCIAL AID — SECTION VI

VI. Payment of Fees/Financial Aid
150 — Office of the Bursar — General Information
151 — Student Fees (undergraduates)
152 — Student Fees (graduate)
153 — Student Fee Refunds
154 — Establishing In-State Residency for Fee Purposes
155 — Financial Aid (undergraduate)
156 — Financial Aid (graduate)

ESSENTIALS OF DAILY LIVING — SECTIONS VII-IX

VII. Housing
160 — On-Campus Housing: Resident Life Services and Programs
161 — On-Campus Housing: Maryland Residents
162 — On-Campus Housing: Non-Maryland Residents
163 — On-Campus Housing: Overflow
164 — Graduate Housing
165 — Off-Campus Housing Service
166 — Off-Campus Housing: Signing a Lease
167 — Commuter Affairs
168 — Temporary Housing
169 — Fraternity/Sorority Boarding

VIII. Meals on Campus
175 — Eating on Campus
176 — Board Plan Options

IX. Transportation
180 — Transportation Alternatives
181 — Shuttle-UM
182 — Parking
183 — Parking Tickets and Appeals Process
184 — Registering Your Car
185 — Bicycles, Mopeds, and Motorcycles
186 — Car Pooling
187 — Public Transportation

ACADEMIC ISSUES — SECTIONS X-XIII

X. Academic Issues
195 — Alternative Grading Options
196 — Academic Dishonesty

XI. Examinations
200 — Credit by Examination
201 — Test of English as a Foreign Language (TOEFL)
202 — Miller Analogies Test (MAT)
203 — Graduate Management Admissions Test (GMAT)
204 — College Level Exam Program (CLEP)
205 — National Teachers Examination (NTE)
206 — Graduate Record Examination (GRE)
207 — Law School Admissions Test (LSAT)

XII. Courses
210 — AASP (Afro-American Studies Program)
211 — ASTR 100
212 — BIOL 105
213 — BIOL 106
214 — BOTN 100
215 — CHEM 101
216 — CHEM 103
217 — EDCP 108
218 — ENGL 101, 101A, 101X
219 — ENTM 100
220 — ENTM 303
221 — ENTM 407
222 — GVPT 170
223 — HIST 156
224 — HIST 157
225 — JOUR 100
226 — CJUS 100
227 — MATH 001
228 — MATH 110
229 — MATH 115
230 — MATH 140
231 — Music Courses for Non-Music Majors
232 — PSYC 100
232 — Physical Education Courses
233 — SOCY 100
235 — SPCH 100
236 — THET 110

XIII. Tutoring Study Skills
240 — Intensive Educational Development Office
241 — Tutoring Services
242 — Learning Assistance Service
243 — Why, When, Where, and What to Study
244 — Speed Reading
245 — Taking Notes
246 — Test Anxiety

SPECIAL POPULATIONS — SECTION XIV

XIV. Special Populations
250 — Returning Students
251 — Child Care Alternatives
252 — Veterans
253 — Jewish Student Center
257 — Minority Support System
258 — Disabled Student Services
259 — Air Force ROTC
260 — Women's Programs and Services
261 — International Education Office
262 — English for Non-Native Speakers

SERVICES AVAILABLE TO STUDENTS — SECTIONS XV-XVI

XV. Student Services
270 — Student Union
271 — Bookstores
272 — Library Facilities
273 — Retired Volunteer Service Corps (RVSC)
274 — Job Referral Service
275 — Judicial Programs Office
276 — Legal Aid Office
277 — Golden I.D. Program
278 — Studying Abroad
279 — Campus Mediation Center
280 — Experiential Learning Programs
281 — Volunteer Service
282 — Cooperative Education (Co-op)
283 — Internships
284 — National Student Exchange (NSE)

XVI. Campus Health Resources
285 — Community Health Resources
286 — Health Center
287 — Adult Health and Development Program
288 — Counseling Center
290 — HELP Center (Student Crisis Intervention Center)
291 — Men's Clinic
292 — Women's Health Clinic
293 — Alcohol
294 — Drugs
295 — Pregnancy

GETTING INVOLVED ON CAMPUS — SECTIONS XVII-XVIII

XVII. Campus Activities
300 — Office of Campus Activities
301 — Joining a Student Group
303 — On-Campus Leisure Opportunities
304 — Fraternities and Sororities

XVIII. Sports (Athletics)
320 — Intercollegiate Sports
321 — Campus Recreation Services
322 — Swim Facilities
323 — Sports Clubs
324 — The Fitness/Wellness Program
325 — Recreational Opportunities

PERSONAL ISSUES — SECTION XIX

XIX. Personal Issues
330 — When Should I Seek Outside Help for Personal Problems?
331 — Re-Examining My Values
332 — Coping With Shyness
333 — Anxiety and Possible Ways to Cope with It
334 — How to Deal with Loneliness
335 — How to Handle Fears
336 — Coping with Stress
337 — The Female Sex Role: Changes and Stress
338 — The Male Sex Role: Changes and Stress
339 — Death and Dying
340 — Understanding Grief
341 — Helping a Friend
342 — Early Signs of an Alcohol Problem
343 — Responsible Decisions About Drinking
344 — How to Deal with Depression
345 — Becoming Independent from Parents
346 — Suicidal Crisis
348 — Protecting Yourself and Your Property

ACTIVITIES ON CAMPUS — SECTION XX

XX. Activities
401 — Activities on Campus
402 — Hoff Theater Listings
403 — SEE Productions
404 — Tawes Theater (The University Theatre)
405 — SUPC Events

Transcript Services

An unofficial transcript will be available with your early registration materials each semester. This copy is for your personal use and serves as a way for you to check the accuracy of the record. At other times unofficial transcripts are not available unless required for on-campus advisement purposes for currently enrolled students. They are available at Deans' offices on campus.

If you have need of record information for other purposes, please request an official transcript at the Records and Registrations Office, Mitchell Building. Upon presentation of identification students receive their official transcript on the spot. If you are unable to come in person, written requests may be mailed to our office. Generally requests are processed the following day. A transcript cannot be processed if an outstanding debt is owed to the University. Contact the Records and Registrations Office (x5559) if you have further questions.

Tutorial Services

FREE tutorial services are available to all UMCP students for most 100- and 200-level courses. Students will be tutored by highly skilled, selectively chosen graduate and undergraduate students. To request tutoring, go to the office of Intensive Educational Development (IED), Room 0112 Chemistry Building. You will be assigned a tutor at that time, or shortly thereafter. It is advisable to submit requests for tutoring **early** in the semester.

Students interested in becoming tutors should call 454-5648, or go to Room 0112 Chemistry Bldg. to pick up an application and to obtain further information.

Our office also maintains an extensive collection of past exams and quizzes for courses in chemistry, math, and various other subjects, which students may request, copy and return. To request past examination papers, go to Room 0112 Chemistry Bldg. You must present a valid University ID before receiving any past exam papers.

UMCP Libraries

UMCP Libraries includes over 1.9 million volumes, approximately 3.6 million microform units, and approximately 22,000 current periodicals and newspapers, as well as 600,000 government documents, over 100,000 maps, and 78,000 nonprint media sources. Reference sources, both automated and print, provide up to date and effective access to information.

The **Theodore R. McKeldin Library** is the main library of the UMCP library system, containing automated and printed reference works, periodicals, circulating books, and other materials to support mainly the graduate and research programs of the University in the life sciences, social sciences and humanities. Special collections housed here include literary manuscripts and collections, the East Asia Collection, Maryland state documents and Maryland related books and manuscripts, University of Maryland archives, and U.S. Government documents and maps.

The **Hornbake Library** houses reference, circulation, and reserve services aimed for undergraduates, and has a study room open 24 hours a day during spring and fall semesters. The Nonprint Media Services Department on the fourth floor of Hornbake Library features color video tape players and playback units, enclosed rooms equipped with instructor's consoles for the use of nonprint media materials, dial access capabilities for instructional purposes, as well as tapes, records and films for use of the University community.

Besides Hornbake Library, other branch libraries include:

- **Art Library** (Art-Sociology Building)
- **Architecture Library** (Mathematics Building)
- **Engineering and Physical Sciences Library** (Mathematics Building)
- **Music Library** (3rd floor, Hornbake Library)
- **White (Chemistry) Memorial Library** (Chemistry Building)

All UMCP students, faculty, and staff may borrow from all UMCP Libraries.

UMaps

"Find Yourself" at UMCP. UMaps highlight campus opportunities by helping you to identify courses, clubs, activities, internships, and employment related to your particular areas of interest. Look for UMaps posted around campus, and pick up your personal copies at the Office of Commuter Affairs, 1195 Stamp Student Union, 454-3645.

University College Students

University College students who wish to enroll at the College Park campus while continuing to pursue a degree program at University College must first obtain a letter of permission from University College.

In order to be eligible for a letter of permission,

- UMUC students must have completed a minimum of 15 semester hours of coursework with University College and have an overall grade point average of 2.0 for all University of Maryland coursework.
- Effective beginning Spring 1990: UMUC students who were previously academically dismissed from UMCP must have completed a minimum of 15 semester hours of coursework with University College, with at least a 2.5 grade point average for this coursework.

Eligible students may request a letter of permission by writing the UMUC Office of Student Services at the Center of Adult Education, Room 0300, or by calling 985-7262. Please request the letter at least three weeks prior to the date it is needed. Present the letter to registration officials at UMCP in order to complete your registration.

Please note the following changes in University College's policy regarding letters of permission:

- Students may receive letters of permission for only two consecutive semesters, beginning Fall 1988.
- This new policy does not apply, however, to summer sessions, for which a letter of permission is no longer required; however, a Notification Form should be submitted to the UMUC Registrations Office prior to the student's summer registration at UMCP. Please call 985-7262 for more information or to request this form.
- All credits taken at UMCP will be evaluated by University College as transfer credit. Transfer will NOT be automatic. The grade received for UMCP coursework will not be used in calculating the University College grade point average.

University Policy on Disclosure of Student Records (Buckley Amendment)

The University of Maryland adheres to a policy of compliance with the Family Educational Rights and Privacy Act (Buckley Amendment). With certain limitations, this Act requires and it is the policy of the University:

(1) To permit students to inspect their education records
(2) To limit disclosure to others of personally identifiable information from education records without student's prior written consent
(3) To provide students the opportunity to seek correction of their education records where appropriate.

Prior consent will not be required for disclosure of educational records to school officials of the University of Maryland who have been determined to have legitimate educational interests.

Certain information has been designated "Directory Information" and will be disclosed without prior consent unless a student files written notice. Directory information consists of:

Name	Participation in Officially Recognized Activities and Sports
Address	Weight and Height of Members of Athletic Teams
Telephone Listing	Dates of Attendance
Date and Place of Birth	Degrees and Awards Received
Photograph	Most Recent Previous Educational Institution Attended
Major Field of Study	

Students who wish to limit the disclosure of Directory information or wish access to their official records should obtain the appropriate form at the Registrations Counter, Mitchell Building, and return the completed form to the Registrations Counter. **Requests to limit disclosure of Directory information must be made within 3 weeks from the first day of the semester in which the student begins each school year. Such requests must be filed annually within the above allotted time.**

Students alleging University noncompliance with the Family Educational Rights and Privacy Act may file a written complaint with the Family Educational Rights and Privacy Office, United States Department of Education, 330 Independence Avenue, S.W., Washington, D.C. 20201.

For complete University policy on access to and release of student data information, see the current edition of the *Undergraduate Catalog*.

Veterans Benefits

Students attending the University under the Veteran's Education Assistance Act may receive assistant and enrollment certification at the Veterans Certification Office in Records and Registrations on the 1st floor of the Mitchell Building. The Staff is available to assist regarding monthly educational assistance checks as well as other benefits such as tutoring assistance and vocational rehabilitation services. Telephone 454-4555.

It is the responsibility of veterans and dependents receiving VA benefits to notify the Veterans Certification Office of every change of course or program. The following types of changes must be reported: credit level or grading option change, change of major, change of address, graduation, academic dismissal or reinstatement actions, and intent to transfer from the College Park Campus. The University Veterans Office is required to notify the U.S. Veterans Administration Office of the above changes to prevent delays in receipt of benefits.

Academic and Advisement Information

College Organizational Chart

COLLEGE OF AGRICULTURE
- VIRGINIA-MARYLAND REGIONAL COLLEGE OF VETERINARY MEDICINE — MARYLAND CAMPUS

DEPARTMENT OF:
- AGRICULTURAL ENGINEERING
- AGRICULTURAL AND EXTENSION EDUCATION
- AGRICULTURAL AND RESOURCE ECONOMICS
- AGRONOMY
- ANIMAL SCIENCES
- HORTICULTURE
- POULTRY SCIENCE

INSTITUTE OF APPLIED AGRICULTURE
PROGRAMS CURRICULUM
- FOOD SCIENCE
- GENERAL AGRICULTURE
- NATURAL RESOURCES MANAGEMENT
- UNDECIDED

SCHOOL OF ARCHITECTURE

ARCHITECTURE AND ENGINEERING PERFORMANCE INFORMATION CENTER
CENTER FOR ARCHITECTURAL DESIGN AND RESEARCH
PROGRAMS/CURRICULUM:
- ARCHITECTURAL HISTORY
- DESIGN
- PRESERVATION
- TECHNOLOGY

COLLEGE OF ARTS AND HUMANITIES

DEPARTMENT OF:
- AMERICAN STUDIES
- ART (STUDIO)
- ART HISTORY
- CLASSICS
- COMPARATIVE LITERATURE
- DANCE
- ENGLISH
- FRENCH AND ITALIAN LANGUAGES AND LITERATURES
- GERMANIC AND SLAVIC LANGUAGES AND LITERATURES
- HEBEW AND EAST ASIAN LANGUAGES AND LITERATURES
- HISTORY
- HOUSING & DESIGN
- MUSIC
- PHILOSOPHY
- RADIO/TELEVISION/FILM
- SPANISH AND PORTUGUESE LANGUAGES AND LITERATURES
- SPEECH COMMUNICATION
- THEATRE

PROGRAMS
- COMPARATIVE LITERATURE
- EAST ASIAN STUDIES
- JEWISH STUDIES
- LINGUISTICS
- ROMANCE LANGUAGES
- RUSSIAN AREA STUDIES
- WOMEN'S STUDIES

CENTERS
- ART GALLERY
- NINTEENTH CENTURY MUSIC
- RENAISSANCE AND BAROQUE STUDIES
- LANGUAGE MEDIA CENTER
- MARYLAND ENGLISH INSTITUTE

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES

PROGRAMS/DEPARTMENTS:
- AFRO-AMERICAN STUDIES
- ANTHROPOLOGY
- CRIMINAL JUSTICE
- CRIMINOLOGY
- ECONOMICS
- GEOGRAPHY
- GOVERNMENT & POLITICS
- HEARING & SPEECH SCIENCES
- PSYCHOLOGY
- SOCIOLOGY
- URBAN STUDIES

BSOS COMPUTER LABORATORY
BUREAU OF BUSINESS AND ECONOMIC RESEARCH
MARYLAND PROJECT FOR WOMEN IN POLITICS
CENTERS:
- CENTER FOR MINORITIES
- CENTER FOR INTERNATIONAL DEVELOPMENT AND CONFLICT RESOLUTION
- INDUSTRIAL RELATIONS AND LABOR STUDIES
- SURVEY RESEARCH

COLLEGE OF BUSINESS AND MANAGEMENT

CENTER FOR BUSINESS AND PUBLIC POLICY
CENTER FOR INNOVATION
CENTER FOR MANAGEMENT DEVELOPMENT
CENTER FOR PRODUCTIVITY AND QUALITY OF WORKING LIFE
SMALL BUSINESS DEVELOPMENT CENTER
PROGRAMS/CURRICULUM:
- ACCOUNTING
- BUSINESS & MANAGEMENT — GENERAL
- DECISION AND INFORMATION SCIENCES
- FINANCE
- MANAGEMENT SCIENCE
- MARKETING
- PERSONNEL & LABOR RELATIONS
- PRODUCTION MANAGEMENT
- STATISTICS
- TRANSPORTATION

COLLEGE OF COMPUTER, MATHEMATICAL, AND PHYSICAL SCIENCES

DEPARTMENT OF:
- COMPUTER SCIENCE
- GEOLOGY
- MATHEMATICS
- METEOROLOGY
- PHYSICS AND ASTRONOMY

CENTER FOR AUTOMATION RESEARCH
INSTITUTE FOR ADVANCED COMPUTER STUDIES
INSTITUTE FOR PHYSICAL SCIENCE AND TECHNOLOGY
LABORATORY FOR PLASMA AND FUSION ENERGY STUDIES

COLLEGE OF EDUCATION

DEPARTMENT OF
- COUNSELING AND PERSONNEL SERVICES
- CURRICULUM AND INSTRUCTION
- EDUCATION POLICY, PLANNING AND ADMINISTRATION
- HUMAN DEVELOPMENT
- INDUSTRIAL, TECHNOLOGICAL AND OCCUPATIONAL EDUCATION
- MEASUREMENT STATISTICS AND EVALUATION
- SPECIAL EDUCATION

CURRICULUM LABORATORY
CENTER FOR EDUCATIONAL RESEARCH AND DEVELOPMENT
EDUCATIONAL TECHNOLOGY CENTER
CENTER FOR YOUNG CHILDREN
OFFICE OF LABORATORY EXPERIENCES

COLLEGE OF ENGINEERING

DEPARTMENT OF:
- AEROSPACE ENGINEERING
- AGRICULTURAL ENGINEERING (See also College of Agriculture)
- CHEMICAL AND NUCLEAR ENGINEERING
- CIVIL ENGINEERING
- ELECTRICAL ENGINEERING
- FIRE PROTECTION ENGINEERING
- MECHANICAL ENGINEERING

CENTER FOR MINORITIES IN SCIENCE & ENGINEERING
COOPERATIVE EDUCATION
ENGINEERING RESEARCH CENTER
INSTRUCTIONAL TELEVISION
SYSTEMS RESEARCH CENTER

COLLEGE OF HUMAN ECOLOGY

DEPARTMENT OF:
- FAMILY AND COMMUNITY DEVELOPMENT
- HUMAN NUTRITION AND FOOD SYSTEMS
- TEXTILES AND CONSUMER ECONOMICS
- UNDECIDED

COLLEGE OF JOURNALISM

CENTER FOR RESEARCH IN PUBLIC COMMUNICATION
COLLEGE OF JOURNALISM
ADVERTISING
BROADCAST NEWS
NEWS EDITORIAL
- — LITERARY JOURNALISM
- — MAGAZINE
- — NEWS
- — PHOTOJOURNALISM
- — SCIENCE COMMUNICATION

PUBLIC RELATIONS

COLLEGE OF LIBRARY AND INFORMATION SERVICES

COLLEGE OF LIFE SCIENCES

DEPARTMENT OF:
- BOTANY
- CHEMISTRY AND BIOCHEMISTRY
- ENTOMOLOGY
- MICROBIOLOGY
- ZOOLOGY

MARINE AND ESTUARINE ENVIRONMENTAL STUDIES PROGRAM
WATER RESOURCES RESEARCH CENTER
PROGRAMS/CURRICULUM:
- GENERAL BIOLOGICAL SCIENCES
- UNDECIDED

COLLEGE OF PHYSICAL EDUCATION, RECREATION, AND HEALTH

DEPARTMENT OF:
- HEALTH EDUCATION
- PHYSICAL EDUCATION
- RECREATION

CENTER ON AGING

SCHOOL OF PUBLIC AFFAIRS

PROGRAMS:
- ENVIRONMENTAL POLICY
- NATIONAL SECURITY STUDIES
- PUBLIC POLICY AND PRIVATE ENTERPRISE
- PUBLIC SECTOR FINANCIAL MANAGEMENT
- SOCIAL POLICY

BUREAU OF GOVERNMENTAL RESEARCH
CENTER FOR INTERNATIONAL SECURITY STUDIES AT MARYLAND
- ECONOMICS AND NATIONAL SECURITY PROGRAM
- NUCLEAR HISTORY PROGRAM
- WOMEN IN INTERNATIONAL SECURITY

INSTITUTE FOR PHILOSOPHY & PUBLIC POLICY
SEMINAR ON THE FOREIGN POLICY PROCESS

UNDERGRADUATE STUDIES

UNIVERSITY HONORS PROGRAM
GENERAL STUDIES PROGRAM (CLOSED)
INDIVIDUAL STUDIES PROGRAM
ALLIED HEALTH PROFESSIONS
PRE-DENTISTRY
PRE-MEDICAL
PRE-LAW
EXPERIENTIAL LEARNING PROGRAMS
UNDERGRADUATE ADVISING CENTER
CAREER DEVELOPMENT CENTER
INTENSIVE EDUCATIONAL DEVELOPMENT PROGRAM
UPWARD BOUND
RETENTION OFFICE
TALENT SEARCH

College Locations and Deans

College	*Location*	*Dean*	*Office*	*Phone*
Agriculture	1224 Symons Hall	Dr. Paul H. Mazzocchi (Acting)	1224 Symons Hall	X5257
Architecture	1298 Architecture	Prof. John W. Hill (Acting)	1212 Architecture	X3427
Arts & Humanities	1111 Francis Scott Key	Dr. Robert Griffith	1102 Francis Scott Key	X6790
Behavioral & Social Sciences	2115 Tydings Hall	Dr. Murray E. Polakoff	2127 Tydings	X2301
Business & Management	2136 Tydings Hall	Dr. Rudolph P. Lamone	3140 Tydings	X5383
Computer, Mathematical & Physical Sciences	2300 Math Bldg.	Dr. John E. Osborn (Acting)	2300 Math Bldg.	X2013
Education	1210 Harold R. Benjamin (Education Bldg.)	Dr. Dale P. Scannell	3119 Harold R. Benjamin (Education Bldg.)	X2013
Engineering	1131 Engineering Classroom Bldg.	Dr. George E. Dieter	1137 Engineering Classroom Bldg.	X2421
Graduate School	2nd floor, Lee Bldg.	Dr. Jacob Goldhaber	2133F Lee Bldg.	X4791
Human Ecology	1100 Marie Mount Hall	Dr. Laura Sims	1100 Marie Mount Hall	X2136
Journalism	1117 Journalism Bldg.	Prof. Reese Cleghorn	2105 Journalism Bldg.	X2228
Library & Information services	4105 Hornbake Library	Dr. Claude E. Walston	4105E Hornbake Library	X5441
Life Sciences	1224 Symons Hall	Dr. Paul H. Mazzocchi (Acting)	1224 Symons Hall	5257
Physical Education, Recreation & Health	3310 Physical Education, Recreation & Health Bldg.	Dr. John J. Burt	3310D PERH Bldg.	X5616
Public Affairs	2105 Morrill Hall	Dr. Michael Nacht	2105 Morrill Hall	X7236
Undergraduate Studies	1115 Hornbake Library	Dr. Kathryn Mohrman	1115 Hornbake Library	X6231

Course Numbering System (All Students)

UNDERGRADUATE — eligible to register for courses numbered 000-499.

GRADUATE — eligible to register for courses numbered 400-899.

Course Numbering System

Number	Eligibility
000-099	Non-credit course
100-199	Primarily freshman course
200-299	Primarily sophomore course
300-399	Junior, senior course not acceptable for credit toward graduate degrees
400-499	Junior, senior course acceptable for credit toward some graduate degrees
500-599	Professional School course (Dentistry, Law, Medicine) or post-baccalaureate course
600-899	Course restricted to graduate students
799	Masters Thesis credit
899	Doctoral dissertation credit NOTE: Courses with last digit of 8 or 9 can be repeated for additional credit

Graduate Student Academic Information

See pages 7 and 8 for Graduate Student Registration Procedures

Advisement: Graduate students registering for courses must have the approval of their program advisors in order to make certain that the minimum Graduate School and program requirements are being satisfied. See page 8 for specific advising procedures required by your program.

Full Time Status: Effective August 1973, official status (either full-time or part-time) for academic purposes will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes.

To be certified as a full-time student a graduate student must be officially registered for a combination of courses equivalent to 48 units per semester. Graduate assistants holding regular appointments are full-time students if they are registered for at least 24 units in addition to the assistantship. Courses taken for Audit do not generate graduate units and cannot be used in calculating full-time or part-time status.

Table for Computing Graduate Units

Course Number	Graduate Unit
000-399	2 units per credit hour
400-499	4 units per credit hour
500-599	5 units per credit hour
600-898	6 units per credit hour
799	12 units per credit hour
899	18 units per credit hour

Program Changes: Graduate students wishing to change programs or degree objectives must submit a new application to the Graduate School. Current deadlines for new applications apply.

Pass-Fail: Graduate students are not eligible for the Pass-Fail grading option for courses numbered 400 and above.

Undergraduate Academic Information

Advising (Undergraduate Students)

Academic advising is an essential part of an undergraduate's educational experience at the University of Maryland. It is available to all students at College Park, but it is the responsibility of the student to make arrangements for advising with the appropriate person. Students are encouraged to use the many advisement opportunities available.

NOTE: For the following groups advising is mandatory:

Newly admitted freshman and transfer students, concurrent enrollment students, students on academic warning, students seeking reinstatement after dismissal or withdrawal, students nearing senior status, students not meeting fundamental studies requirements, student athletes, and students in certain majors and colleges.

Students in pre-majors: see advisor lists below.

Undergraduate advisors, their room numbers and telephone extensions are listed below. Students who are unable to locate an advisor, or who have questions about campus advising programs should visit or call the Undergraduate Advising Center, Room 1117, Hornbake Library, 454-2733.

Academic Advisors

	Advisors	Room	Ext.
COLLEGE OF AGRICULTURE			
General Information			
Dr. Paul H. Mazzocchi, Acting Dean		SYM-1224	5257
Dr. William J. Higgins, Acting Associate Dean		ZOP-2224	7202
Dr. Albert J. Klavon, Assistant Dean		SYM-1224	5257
Dr. Amel Anderson, Assistant Dean		SYM-1224	5257
Dr. Ronald J. Selbel, Assistant Dean (Acting)		JUL-1213	3938
AGRICULTURAL CHEMISTRY	Keeney, M.	CHM-2500	4417
AGRICULTURAL & RESOURCE ECONOMICS	Cain, J.	SYM-2106	1406
	Foster P. (Coord.)	SYM-2102	1481
	Hardie, I.	SYM-2112B	3728
	Horowitz, J.	SYM-2108	0128
	Leathers, H.	SYM-3200F	1485
	Lessley, B	SYM-2213	5762
	Tuthill, D.	SYM-2214	3226
	Wysong, J.	SYM-2113	1443
AGRICULTURAL ENGINEERING	Shirmuhammadi, A.	SHR-1108	3901
	Stewart, L. E.	SHR-1130	3901
AGRICULTURAL & EXTENSION EDUCATION	Miller, M.	SYM-0222	3738
AGRONOMY			
Crops	McIntosh, M.	HJP-0111	3717
Soils	Well, R. R.	HJP-1103	4787
Turf & Urban Agronomy	Carroll, M.	HJP-1114	3715
Conservation — Soil, Water and Environment	Well, R. R.	HJP-1103	4787
ANIMAL SCIENCE			
Coordinator	DeBarthe, J. V.	ANS-1103	4642
Dairy/Livestock	DeBarthe, J. V.	ANS-1103	4642
Poultry	Doerr, J. A.	ANS-3129A	5060
COMBINED DEGREE CURRICULUM COLLEGE OF AGRICULTURE • VETERINARY MEDICINE			
PRE-VETERINARY PROGRAM	Bradley, L. D.	CHM-3222	4631
	Ingling, A. L.	CHM-3222	4631
NATURAL RESOURCES MANAGEMENT	Gibson, G. R. (Coord.)	SYM-0218	3738
FOOD SCIENCE	Westhoff, D. (Coord.)	ANS-2113	0431
	Schlimme, D. V.	HZF-1122B	6526
GENERAL	Grant, L. P.	SHR-0102	3901
HORTICULTURE			
Crop Production & Science			
(A-J)	McClurg, C. A.	HZF-1122C	3007
	Graves, W.	HZF-1113	4311
(K-R)	Gouin, F. R.	HZF-1111	3143
(S-Z)	Hershey, D. R.	HZF-1105A	2356
Landscape Design			
(A-M)	Scarfo, R.	HZF-2103	1555
(N-Z)	Hamed, S.	HZF-2109B	3612
UNDECIDED	Grant, L. P.	SHR-0102	3901
SCHOOL OF ARCHITECTURE			
General Information			
Stephen Sachs, Associate Dean		ARCH-1298	3427

Advisor assignments available in Room 1298, Architecture.
PRE-ARCHITECTURE — Students admitted for Fall 1987 and later — Your advising location is the College of Arts & Humanities, Rm. 1111, Francis Scott Key Hall.

COLLEGE OF ARTS AND HUMANITIES			
Dr. Robert Griffith, Dean		KEY-1101	6790
College Advisor Undergraduates	Bondurant, D.	KEY-1111	2737
	DiPaolo, T.	KEY-1111	2737
	Moore, T.	KEY-1111	2737
General Information			
AMERICAN STUDIES PROGRAM	Diner, H.	TLF-2140B	4661
ART STUDIO	Forbes, J.	ASY-1M320	0344
ART HISTORY	Venit, M.	ASY-4214	3431
CHINESE	Sargent, S.	JMZ-4223	2685
CLASSICAL HUMANITIES	Doherty, L.	JMZ-4210	2510
COMPARATIVE LITERATURE	Peterson, C.	JMZ-4223	2685
DANCE	Wiltz, A.	TEE	4056
ENGLISH	Herman, H.	TLF-1122	2521
FRENCH & ITALIAN	Bondarant, D.	JMZ-3106F	4303
GERMAN	Fagan, S.	JMZ-3215	4301
GREEK	Staley, G.	JMZ-4210	2510
HEBREW	Berlin, A.	JMZ-4210	4307
HISTORY	Zilfi, M.	KEY-2116D	2843
HOUSING AND DESIGN			
Advertising Design	Roper J.	MMH-1401	6325
	Gipps, T.	MMH-1401E	6267
	Thorpe, J.	MMH-2407E	5471
	Dean, S.	MMH-2407D	5498
Interior Design	Eckersley, M.	MMH-1401D	6268
	Kjaer, B.	MMH-2407F	5464
Housing	Bonta, J.	MMH-1401	2150
	Chen, A.	PKT-1105	6325
JAPANESE	Kerkham, E.	JMZ-2106	4307
LATIN	Staley, G.	JMZ-4210	2510
LINGUISTICS	Lebeaux, D.	MIL-1113	7002
MUSIC	Jones, P.	TWS-2110	6554
PHILOSOPHY	Pasch, A.	SKN-1119B	2850
RADIO, TELEVISION & FILM	Forbes, S.	TWS-0202	2297
RUSSIAN AREA STUDIES	Majeska, G.	KEY-2165	2843
RUSSIAN LANGUAGE & LITERATURE	Pfister, G.	JMZ-3215	4301
SPANISH & PORTUGUESE	Little, K.	JMZ-2202	4305
SPEECH COMMUNICATION	Dean, K.	TWS-0148A	6401
THEATRE		TWS-0238	6211
WOMEN'S STUDIES	Prete, S.	MIL-1115	3841
UNDECIDED MAJORS	Bondurant, D.	KEY-1111	2737

PRE-DESIGN AND PRE-RADIO, TELEVISION AND FILM — Students admitted for Fall 1987 and later — Your advising location is the College of Arts & Humanities.

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES			
Dr. Murray Polakoff, Dean		TYD-2141	5272
Dr. Stewart Edelstein, Associate Dean		TYD-2141	5272
Dr. Katherine Pedro Beardsley, Assistant Dean		TYD-2141	5272
Dr. Diana Ryder Jackson, Assistant Dean		TYD-2141	5272
Ms. Chris Witherspoon, Assistant to the Dean		TYD-2141	5272
Mr. Thomas S. Hiles, Director of Development		TYD-2141	5272
ADVISEMENT AND RECORDS			
Coordinator of Academic Support Service	Scholl, G.	TYD-2115	2301
Records	Villamizar, A.	TYD-2115	2301
Candidate Clearance	King, B.	TYD-2115	2301
Coordinator of Advising	Hillman, L.	TYD-2115	2301
College Academic Advisors	Dantzier, B.	TYD-2115	2301
	Marcks, L.	TYD-2115	2301
	Stedfeld, R.	TYD-2115	2301
	Jackson, D.	LEF-2201	4225
Minority Center	Langa, M.	LEF-2201	4225
UNDERGRADUATE PROGRAMS			
AFRO-AMERICAN STUDIES PROGRAM	Aamons, L.	LEF-2169	5665
ANTHROPOLOGY	Stuart, W.	WDS-0100A	1488
CRIMINOLOGY, CRIMINAL JUSTICE	Wellford, C.	LEF-2220	7970
ECONOMICS	Wonnacott, P.	TYD-3147A	6354
	McCullough, L.	TYD-3115G	6536
GEOGRAPHY	Cirrinclone, J.	LEF-1113	2241
GOVERNMENT & POLITICS	Lanning, E.	LEF-2181F	6739
HEARING & SPEECH SCIENCE	McCall, J.	LEF-0141H	2546
PSYCHOLOGY	Scholnick, E.	ZOP-1128	6691
SOCIOLOGY	Mohagadam, L.	ASY-2108	5036
URBAN STUDIES	Mintz, S.	LEF—1119	2242

UNDECIDED — See a college advisor.
PRE-ECONOMICS — Students Admitted for Fall 1987 and later — your advising location is the College of Behavioral and Social Sciences, Rm. 2141, Tydings Hall.

COLLEGE OF BUSINESS AND MANAGEMENT			
Dr. Rudolph P. Lamone, Dean			
Dr. Burt A. Leete, Associate Dean			
Dr. Lee E. Preston, Director, Ph.D. Program			
Ms. Mary Anne Walkart, Director, Masters Programs			
Dr. J. G. Mattingly, Assistant Dean of Undergraudate Studies			
Dr. Debra L. Stuart, Director of Undergraduate Student Services			
Ms. Eleanor I. Warsinsky, Advisor Consultant			
Undergraduate Advisors	Mirhadi, S.	TYD-2136	4314
	Smith, C.	TYD-2136	4314
	Remmelts, L.	TYD-2136	4314
Records Office, Business	Pometto, J.	TYD-2136	4314
	Scott, T.	TYD-2136	4314
	Welsh, S.	TYD-2136	4314

PRE-BUSINESS — Your advising location is the Undergraduate Advising Center.

COLLEGE OF COMPUTER, MATHEMATICAL AND PHYSICAL SCIENCES			
Dr. John E. Osborn, (Acting Dean)		MTH-2300	4906
Undergradutae Academic Information			
Dr. Thelma M. Williams, Assistant Dean		MTH-2300	4596
Ms. Beverly J. Lucas, Advisor/Consultant		MTH-2300	4596
Student Records	Lucas, B.	MTH-2300	4596
	Coleman, R.	MTH-2300	4596
General Information			
ASTRONOMY	Matthews, T.	CSS-0223	5937
COMPUTER SCIENCE (special problems)	O'Leary, D.	AVW-1109	2002
GEOLOGY	Wylie, A.	GEO-1115	3548
	Stifel, P.	GEO-1115	3548
MATHEMATICS	Lipsman, R.	MTH-1117	2746
PHYSICS	Crabill, J.	PHY-1120	3501
PHYSICAL SCIENCES	Williams, T.	MTH-2300	4596

PRE-COMPUTER SCIENCE AND PRE-ENGINEERING — Your advising location is Rm. 2300, Math Bldg.

COLLEGE OF EDUCATION

General Information

Dr. Dale Scannell, Dean		EDU-3119	2013
Graduate Student Services	Campbell, E.G.	EDU-1205	3745
Undergraduate Student Services	Lewis, A.	EDU-1210	2017
EDUCATION POLICY, PLANNING AND ADMINISTRATION	Agre, E.	EDU-2110E	5766
	Finkelstein, B.	EDU-3112G	5766
	Hopkins, R.	EDU-2103	5766
	Huden, D.	EDU-2110D	5766
	Lindsay, R.	EDU-0101C	5766
	Male, G.	EDU-0101A	5766
	Noll, J.	EDU-2110B	5766
	Splaine, J.	EDU-2215	5766
COUNSELING & PERSONNEL SERVICES	Hershenson, D.	EDU-3214C	2026
School Psychology	Pumroy, D.	EDU-3214B	2026
	Teglasi, H.	EDU-3222	2026
	Strein, W.	EDU-3212	2026
School Counseling	Greenberg, K.	EDU-3222	2026
	Rhoads, D.	EDU-3234C	2026
Community Counseling	Schlossberg, N.	EDU-3228	2026
College Student Personnel		EDU-3128	2026
Counseling Psychology	Birk, J.	EDU-3216	2026
	Hoffman, M.	EDU-3218	2026
Rehabilitation Counseling	Power, P.	EDU-3214A	2026
	Lawrence, R.	EDU-3234F	2026
Counseling & Consultation	Hershenson, D.	EDU-3214C	2026
CURRICULUM AND INSTRUCTION	Arends, R.	EDU-2311B	7346
Early Childhood	Amershek, K.	EDU-2207B	7429
	Fein, G.	EDU-0311F	3409
Elementary Education	Saracho, O.	EDU-1117	2120
	Eley, G.	EDU-2219	5712
	Herman, W.	EDU-2227	5448
	Jantz, R.	EDU-2229	5480
	Johnson, M.	EDU-2209	4941
	Roderick, J.	EDU-2231	5343
	Weaver, P.	EDU-2233	4762
Secondary Education			
Art	Craig, R.	EDU-2304C	6288
	McWhinnie, H.	EDU-2304C	6288
English/Speech	McCaleb, J.	EDU-2304J	6290
	Slater, W.	EDU-2311J	6290
Foreign Language	DeLorenzo, W.	EDU-2304G	6416
	Markham, P.	EDU-2223	5590
Library Science	Williams, H.	HBK-4121J	6068
Math	Campbell, P.	EDU-2304F	7346
	Carey, D.	EDU-2204	8009
	Davidson, N.	EDU-2207A	2762
	Henkelman, J.	EDU-2223	5590
Music	Folstrom, R.	TWS-3141	2501
Physical Education			
Reading	Brigham, B.	EDU-1117	2120
	Davey, B.	EDU-2304K	6417
	Dreher, J.	EDU-1117	2120
	Gambrell, L.	EDU-1117	2120
	Wilson, R.	EDU-1117	2120
Science	Dierking, L.	EDU-2219	5712
	Holliday	EDU-0231	2024
	Layman, J.	EDU-0211	2024
	Lockard, D.	EDU-0211	2024
Social Studies	Cirrincione, J.	EDU-2227	5448
	Farrell, R.	EDU-2227	5448
INDUSTRIAL, TECHNOLOGICAL AND OCCUPATIONAL EDUCATION	Erekson, T.	JMP-3216	5692
Industrial Arts	Beatty, C.	JMP-3216J	4264
	Leutkemeyer, J.	JMP-3216H	4264
Industrial Technology	Elkins, R.	JMP-3216F	4264
	Mietus, W.	JMP-3216D	4264
	Sullivan, D.	JMP-3216S	4264
Vocational Education	Herschbach, D.	JMP-3216E	4264
	Maley, D.	JMP-2104	8888
	Stough, K.	JMP-3216B	4264
Business Education	Boyce, J.	JMP-2210	4264
	Peters, R.	JMP-2210C	4264
	Spear, M.	JMP-3216	4264
Distributive Education			
Home Economics Education	Hultgren, F.	JMP-2210	4264
HUMAN DEVELOPMENT, INSTITUTE FOR CHILD STUDY	Robertson-Tchabo, E.	EDU-3304	2034
	Tyler, B.	EDU-3304	2034
MEASUREMENT, STATISTICS AND EVALUATION	Lissitz, R.	EDU-1228	3413
SPECIAL EDUCATION	Angeletti, K.	EDU-1235	2118
	Beckman, P.	EDU-1311E	2118
	Burke, P.	EDU-1308	4704
	Cooper, D.	EDU-1308	2118
	Egel, A.	EDU-1311G	2118
	Graham, S.	EDU-1311F	2118
	Harris, K.	EDU-1308	2118
	Harry-Belcher, B.	EDU-0102	2118
	Hebeler, J.	EDU-1308	2118
	Kohl, F.	EDU-1311C	2118
	Leone, P.	EDU-1311B	2118
	Lieber, J.	EDU-0102	2118
	Malouf, D.	EDU-1220	2118
	Neubert, D.	EDU-0102	2118
	Noel, M.	EDU-2304	2118
	Simms, B.	EDU-1311D	2118
	Speece, D.	EDU-1308	2118

PRE-EDUCATION—Go to Room 1210 Education Building for advising assignment and information.

COLLEGE OF ENGINEERING

General Information

Dr. George Dieter		EGR-1137	6347
James Newton, Assistant to the Dean		EGR-1131	2421
Counselors	Gunter, J.	EGR-1131	2421
	Gahn, S.	EGR-1131	2421
	Reid, O.	EGR-1131	2421
Center for Minorities in Science and Engineering			
Rosemary Parker		EGR-1134	7219
Alem Asres, Acting Assistant Director		EGR-1134	7219
AEROSPACE	Barlow, J.	WTU-2102	2413
AGRICULTURAL	Stewart, L.	SHR-1130C	3901
CHEMICAL	Regan, T.	CHE-2139	7898
CIVIL	Garber, D.	EGR-1163	2225
ELECTRICAL	Pugsley, J.	EGR-3186	4172
FIRE PROTECTION	Bryan, J.	EGR-0147	2424
MECHANICAL	Walston, W.	EGR-2188	
NUCLEAR	Munno, F.	CHE-2309A	2430
Engineering Co-op Program	Sauber, H.	EGR-1137B	5191

PRE-ENGINEERING — Students admitted for Fall 1987 and later — Your advising location is the College of Computer, Math & Physical Sciences, Rm. 2300, Math Bldg.

COLLEGE OF HUMAN ECOLOGY

General Information

Dr. Laura Sims, Dean		MMH-1100F	2136
Dr. Jo Paoletti, Acting Assistant Dean		MMH-1100D	5387
Student Advising & Support Services Center			
Advisors		MMH-1300	0135
Undergraduate Student Records	Hay, G.	MMH-1300	5181
FAMILY & COMMUNITY DEVELOPMENT	Billingsley	MMH-1204A	6424
Family Studies	Anderson, E.	MMH-1204	6022
	Epstein, N.	MMH-1204C	6422
	Gaylin, N.	MMH-1204D	5905
	Leslie, L.	MMH-1204J	6361
	Rubin, R.	MMH-1204L	6424
	Myricks, N.	MMH-1204E	5925
	Werlinich, C.	MMH-1218B	6188
	Lyons, E.	MMH-1204	6914
Community Studies	Hula, R.	MMH-1204G	5965
Management & Consumer Studies	Churaman, C.	MMH-1204F	6425
HUMAN NUTRITION AND FOOD SYSTEMS			
Dietetics	Curtis, S.	MMH-3307	5289
	Prather, M.	MMH-3306	5271
	Williams, E.	MMH-3309	5372
Experimental Foods	Chol, Y.	MMH-3302	4401
Food Service Administration	Norton, V.	MMH-3215	2415
	Noble, J.	MMH-3307	5289
Human Nutrition and Foods	Ahrens, R.	MMH-3301	4564
	Moser-Veillion	MMH-3308	5371
TEXTILES AND CONSUMER ECONOMICS	Smith, B.	MMH-2100A	5150
Apparel Design	Anderson, C.	MMH-2108	6481
Tex. Mkt./Fashion Merch.	Dardis, R.	MMH-2106	6493
	Wagner, J.	MMH-2100D	6486
Consumer Economics	Brannigan, V.	MMH-1411	6489
	Dardis, R.	MMH-2106A	6493
	Ettensen, R.	MMH-2100F	6485
	Verma	MMH-2108	7998
Textiles	Block, I.	MMH-2100H	6490
	Hollies, N.	MMH-0303A	6491
	Pourdeymmi	MMH-2108	8605
	Smith, B.	MMH-2100A	5150
	Spivak, S.	MMH-2100E	6487
	Yeh, K.	MMH-2100B	6484

COLLEGE OF JOURNALISM

Prof. Reese Cleghorn, Dean		JRN-1117	2228
Dr. Greig M. Stewart, Assistant Dean		JRN-1117	2228
Undergraduate Advisors	Fines, J.	JRN-1117	2228
	Vorhees, R.	JRN-1117	2228

PRE-JOURNALISM — Students admitted for Fall 1987 and later — Your advising location is the College of Arts & Humanities, Rm. 1111, Francis Scott Key Hall.

COLLEGE OF LIBRARY & INFORMATION SERVICES

Dr. Claude Walston, Dean		HBK-4105	5441
Student Records and General Information	Diepenbrock, J.	HBK-4110	3016

COLLEGE OF LIFE SCIENCES

General Information

Dr. Paul H. Mazzocchi, Acting Dean		SYM-1224	5257
Dr. William S. Higgins, Acting Associate Dean		SYM-2224	7202
Dr. Albert J. Klavon, Assistant Dean		SYM-1224	5257
Dr. Amel Anderson, Assistant Dean		SYM-1224	5981
BOTANY	Barnett, N. (Coord.)	HJP-1225	3812
	Berg, L.	HJP-1225	3812
CHEMISTRY/BIOCHEMISTRY	Harwood, W. (Coord.)	CHM-1320	5231
ENTOMOLOGY	Armstrong, E. (Coord.)	SYM-2309	7122
MICROBIOLOGY			
(A-D)	Cook, T. (Coord.)	MCB-3115	5381
(E-G)	Smith, A.	MCB-1119	3756
(H-J)	Hetrick, F.	MCB-1117	2848
(K-L)	Yuan, R.	MCB-2116	6698
(M-N)	Voll, M.	MCB-2114	5218
(O-Q)	Joseph, S.	MCB-2118	8043
(R-T)	Stein, D.	MCB-2113	7008
(U-Z)	Weiner, R.	MCB-2111	5364
ZOOLOGY	Imberski, R.B. (Dir., Undergraduate Students)	ZOP-2229	5131
	Gill, D.	ZOP-4222	3025
	Goode, D.	ZOP-3264	6904
	Linder, H.	ZOP-3202	6249
	Small, E.	ZOP-3206	7167
GENERAL BIOLOGICAL SCIENCES	Berg, L. (Coord.)	HJP-1225	3812
Animal Science emphasis	Berg, L.	HJP-1225	3812
Botany emphasis	Motta, J.	HJP-4108	3994
Chenistry emphasis	Klavon, A.	SYM-1224	5257
Ecology emphasis	Berg, L.	HJP-1225	3812
Genetics emphasis	Armstrong, E.	SYM-2309	7122
Marine Biology emphasis	Bottino, P.	HJP-3223	3821
Microbiology emphasis	Cook, T.	MCB-3115	5381
Physiology emphasis	Berg, L.	HJP-1225	3812
Zoology emphasis	Imberski, R.B.	ZOP-2229	5131
Undeclared/Generalist	Berg, L.	HJP-1225	3812
	Barnett, N.	HJP-3214	3812
	Bottrell, D.	SYM-2126	3812
	Koines, P.	HJP-1227	3812
	Lamp, W.	TUR-3110	3812
	VanValkenburg, S.	HJP-3226	3812

COLLEGE OF PHYSICAL EDUCATION, RECREATION AND HEALTH

General Information

Dr. John Burt, Dean		PRH-3310D	5616
Dr. Jerry Wrenn, Associate Dean		PRH-3310B	5616
Lu Hoxie, Student Records		PRH-3310H	3192

Program Advisors

PHYSICAL EDUCATION			
Kinesiological Sciences	Tyler, R.	PRH-2310	6252
Teacher Education and Pre-Phys. Educ.	Owens, L.	PRH-2338	3072
RECREATION			
Therapeutic Recreation, Outdoor Recreation, Administrative or Program Recreation	Ward, V.	PRH-2358	3069
HEALTH EDUCATION			
Community Health, School Health and Pre-Hlth.	Hyde, D.	PRH-2374	3369

PRE-HEALTH & PRE-PHYSICAL EDUCATION — Your advising location is the College of Physical Education, Recreation and Health, Pre-Health — Room 2374, Pre-Phys. Educ. — Room 2338.

UNDERGRADUATE STUDIES

Dr. Kathryn Mohman, Dean		HBK-1115	6231
Dr. Roger McIntire, Associate Dean		HBK-1115	6231
Dr. David Sammons, Associate Dean		HBK-1115	5893
Dr. Susan Koonce, Assistant Dean		HBK-1115	2530
Dr. Bonnie Oh, Assistant Dean		HBK-1115	2530

BACHELOR OF GENERAL STUDIES DEGREE PROGRAM

(Program closed, no new admission)

HEALTH PROFESSIONS ADVISING

Pre-Dentistry			
Pre-Medicine			
Pre-Dental Hygiene			
Pre-Optometry			
Pre-Osteopathy			
Pre-Podiatry	Love, N.	TUR-3103	2540
Pre-Dental Hygiene			
Pre-Medical Technology			
Pre-Nursing			
Pre-Pharmacy			
Pre-Physical Therapy	Stewart, D.	TUR-3103	2540

INDIVIDUAL STUDIES PROGRAM

Dr. Bonnie Oh, Assistant Dean		HBK-1117	2530-1

UNDERGRADUATE ADVISING CENTER (UAC)

Dr. Betty Beckley, Assistant Dean		HBK-1117	2733

UAC ADVISORS

Freshmen	Wendy Whittemore	HBK-1117	2733
	Steve Boggs	HBK-1117	2733
	Jason Boyd	HBK-1117	2733
Student Athletes	Tom Steen	HBK-1117	2733
Transfers	Bonnie Zager	HBK-1117	2733
Pre-Business	Stella Mirhadi	HBK-1117	2733
Human Ecology	Dena Crain	HBK-1117	2733
General Advisors	Javier Hernandez	HBK-1117	2733
	Lisa Koch	HBK-1117	2733
	Joe Meko	HBK-1117	2733
	Yolanda Nokuri	HBK-1117	2733
	Lori Peck	HBK-1117	2733
	Phaedre Pierre	HBK-1117	2733
	Harriet Nokuri	HBK-1117	2733
	Meg Stephens	HBK-1117	2733
Pre-Law	Ulysses Connor, JD	HBK-1117	2733

OFFICE OF MINORITY STUDENT EDUCATION (OMSE)

Academic and Career Advancement—Minority Students (EDCP-108N)

OMSE Mentoring and Tutoring Programs

Dr. Mary Cothran, Director		HBK-1101	4901
Dr. Jennifer V. Jackson, Assistant Director		HBK-1101	4901
Dr. Ronald Ziegler, Research Coordinator		HBK-1101	4901
Joel Smith, Academic Coordinator		HBK-1101	4901
Dottie H. Bass, Secretary		HBK-1101	4901

Requirements for Satisfactory Academic Progress — Undergraduate Students

THE FOLLOWING STANDARDS FOR UNDERGRADUATE ACADEMIC PERFORMANCE BECAME EFFECTIVE IN THE FALL 1984 SEMESTER. THEY APPLY TO ALL UNDERGRADUATE STUDENTS ON THE COLLEGE PARK CAMPUS, WHETHER PREVIOUSLY ENROLLED OR NEWLY ADMITTED.

GRADE POINT AVERAGE (G.P.A.)

1. Requirements for satisfactory academic progress are based solely upon grade point average. This is computed by dividing the TOTAL NUMBER OF QUALITY POINTS accumulated in courses for which a grade of A, B, C, D, or F has been assigned by the TOTAL NUMBER OF CREDITS ATTEMPTED in those courses. Courses for which a grade of "P", "S", "W", "I", or "NGR" has been assigned are NOT included in computing the G.P.A.

2. Each letter grade has a numerical value: A = 4; B = 3; C = 2; D = 1; F = 0. Multiplying this value by the number of credits for a particular course gives the number of quality points earned for that course:

A = 4 B = 3 C = 2 D = 1 F = 0	×	NUMBER OF CREDITS IN THE COURSE	=	TOTAL QUALITY POINTS FOR THE COURSE

3. When a course is REPEATED, only credits and quality points for the higher grade assigned for that course are counted in total credits attempted and total quality points.

4. An example of how a SEMESTER G.P.A. and a CUMULATIVE G.P.A. are calculated is given below:

Course	*Credits Attempted Attempted*	*Grade*	*Quality Points*
ENGL 101	3	C	6
MATH 110	3	B	9
ZOOL 101	4	A	16
PSYC 100	3	D	3
HIST 156	3	F	0
Current Semester Totals	16		34
Previous Semester Totals	27		74
	43		108

$$\text{SEMESTER G.P.A.} = \frac{\text{SEMESTER QUALITY POINTS}}{\text{SEMESTER CREDITS ATTEMPTED}} = \frac{34}{16} = 2.125$$

$$\text{CUMULATIVE G.P.A.} = \frac{\text{TOTAL QUALITY POINTS}}{\text{TOTAL CREDITS ATTEMPTED}} = \frac{108}{43} = 2.511$$

SATISFACTORY PERFORMANCE

A student whose cumulative G.P.A. is at least 2.00 will be considered as making satisfactory academic progress at the College Park campus.

Within any given semester, a student who completes 12 or more credits (excluding grades of 'P' and 'S') with a SEMESTER G.P.A. of 3.500, or higher, will be awarded **"ACADEMIC HONORS."** This notation will be placed on the student's transcript.

UNSATISFACTORY PERFORMANCE

Students with a CUMULATIVE G.P.A. of less than 2.00 fall into three categories: UNSATISFACTORY PERFORMANCE, ACADEMIC WARNING, and ACADEMIC DISMISSAL. The cumulative G.P.A. that defines each of these categories varies according to the CREDIT LEVEL as noted below.

CREDIT LEVEL = Courses completed at University of Maryland with grades of A, B, C, D, F, P, S and Transfer Credit from other institutions.

CREDIT LEVEL	*UNSATISFACTORY PERFORMANCE*	*ACADEMIC WARNING*	*ACADEMIC DISMISSAL*
0-13	1.999-1.290	1.289-0.230	0.229-0.000
14-28	1.999-1.780	1.779-1.280	1.279-0.000
29-56	1.999-1.860	1.859-1.630	1.629-0.000
57-74	1.999-1.940	1.939-1.830	1.829-0.000
75 OR MORE	—	1.999-1.940	1.939-0.000

1. Students whose cumulative G.P.A. falls within the **UNSATISFACTORY PERFORMANCE** category at the end of any semester will be urged, in writing, to meet with an advisor.
2. Students who receive an **ACADEMIC WARNING** will have that notation entered on their transcript and will be informed, in writing, to consult with an advisor prior to the beginning of the next semester. STUDENTS WHO DO NOT MEET WITH AN ADVISOR WILL NOT BE ALLOWED TO DROP OR ADD COURSES OR TO REGISTER FOR THE FOLLOWING SEMESTER.
3. **ACADEMIC DISMISSAL**
   A. Depending on the credit level attempted, students will be academically dismissed at the end of any semester when their CUMULATIVE G.P.A. falls into the ACADEMIC DISMISSAL range.
   B. After attempting 60 or more credits, any student who receives an ACADEMIC WARNING for TWO CONSECUTIVE SEMESTERS will be academically dismissed.
   C. No student transferring to the College Park Campus from OUTSIDE the University of Maryland system will be academically dismissed at the END OF THE FIRST SEMESTER if the cumulative G.P.A. is 0.23, or higher. After this first semester, the student will be subject to normal standards for academic progress. **NOTE: This provision does not apply to students reinstated or readmitted to the College Park Campus.**

ADDING/DROPPING COURSES

1. The FIRST TEN DAYS OF CLASSES during the Fall and Spring semesters are designated as being the SCHEDULE ADJUSTMENT PERIOD. A similar period of time is set aside during both summer sessions.
2. During the schedule adjustment period, students may ADD courses, DROP courses, or CHANGE SECTIONS. PART-TIME STUDENTS should pay particular attention to DIRECTIONS/DEADLINES in the Schedule of Classes to avoid incurring additional charges.
3. Courses ADDED during the schedule adjustment period will appear on the student's permanent record along with courses previously listed.
4. Courses DROPPED during the schedule adjustment period will NOT appear on the student's permanent record.
5. **Drop Policy —** The DROP PERIOD for Undergraduate Students will begin at the close of the Schedule Adjustment Period and terminate at the END OF THE TENTH WEEK OF CLASS. **DURING THE DROP PERIOD, A STUDENT MAY DROP A MAXIMUM OF FOUR CREDITS.** If a course is more than four credits, the student may drop the entire course. In the case of a variable credit course, the credit level may be reduced by up to four credits.
6. Courses dropped after the schedule adjustment period will be recorded on the student's transcript with a "W" notation. This mark is NOT used in computing the semester or cumulative G.P.A.

REPEATING COURSES

1. Any course may be repeated. If a course is repeated in which a student already has earned a mark of A, B, C, D, P, or S, the subsequent attempt will not increase the total credits earned toward the degree. Only the highest mark will be used to compute the G.P.A.
2. A student may register for a course NO MORE THAN THREE TIMES. A course dropped with a "W" notation will count as one of these three registrations.
3. Incompletes — The mark of "I" cannot be removed through re-registration for the course or through "credit by examination."

ACADEMIC REGULATIONS

Students who need additional information about the STANDARDS FOR SATISFACTORY UNDERGRADUATE PROGRESS or about other academic policies and requirements at College Park should immediately contact an ACADEMIC ADVISOR in their college or department.

Full-Time Status

Effective August 1973, official status (either full-time or part-time) *for academic purposes* will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes.

UNDERGRADUATE— Full-time — Registered for 9 or more semester hours at the end of the Schedule Adjustment Period. Note, however, that students on scholarships and grants are expected to maintain a semester credit load of 12 hours. If the registration of a student with a scholarship or grant falls below the required credit hours, the scholarship or grant is automatically cancelled. Cancellation of a scholarship or grant without subsequent payment of amounts due will lead to an indebtedness to the University. Such indebtedness can in turn lead to severance of services by the Univrsity. Students are limited to **19 credit hours** per semester. Any exceptions must be approved by the Dean. Forms for this purpose will be available in the Dean's Office and should be turned in with Registration materials.

Foreign Language Placement

Students with prior experience in a foreign language are expected to enroll in courses at the highest level appropriate to their background. A student whose knowledge of a foreign language is deemed by the course chairperson to be above the level of the course requested by the student may not take that course except on an audit basis.

A student who is a native speaker and who is enrolling in a basic language course is expected to identify him/herself to the instructor to discuss proper placement.

NOTE: If you have taken an advanced placement exam in a foreign language contact the appropriate department to determine at which course level you should enroll.

Latin Courses: Students who have had Latin in high school are encouraged to work at the highest level of which they feel capable. The department advisor, Professor Lillian Doherty, located in room 4202 of Jimenez Hall, will help students identify the appropriate courses in which to enroll. Normally students with less than one year of high school Latin take LATN 101. Those who enter with a full year of high school Latin register for LATN 102; with two full years, LATN 201. College credit is given to students who have earned a 4 or 5 on the Advanced Placement Test in Latin.

French Department: All students must present a copy of their high-school transcript (or college transcript for transfer students) to the instructor on the first day of instruction in order to enroll in FREN 101, 101H, 103, 203 or 121. FREN 101 (or the accelerated version, FREN 121, or the Honors version, 101H), is open to students who have never studied French or have studied less than two years in high school. FREN 102 (FREN 102H) is designed for students who have completed FREN 101 on this campus. FREN 103 is designed for students whose transcript shows completion of 2 years (Level 2) of elementary French; it is a review of work normally completed by the end of Level 2 in high-school. FREN 203 (or the accelerated version, FREN 122, or the Honors version, 203H) is designed for students whose transcript shows completion of 3 years (Level 3) of French. Exceptions may be granted only by permission of course chairperson. A student whose knowledge of French is deemed by the course chairperson to be above the level of the course requested by the student may not take that course except on an Audit basis.

Spanish Department: Students who wish to register for Spanish 101-205 must do so in accordance with the guidelines below. Any exception necesitates written permission from the Department of Spanish and Portuguese. Students must present their high school transcript for proper placement on the first day of class if they wish to enroll in SPAN 101, 102, 102H, 103, 203, or 204. See individual course descriptions for more details.

A student whose knowledge of Spanish is deemed by the undergraduate advisor or the course chairperson to be above the level of the course requested by the student may not take that course except on an audit basis. Students who have taken the equivalent of 203 at another institution, are deemed to have satisfied the language requirement for Arts and Humanities.

Students will not receive credit for SPAN 103 if they already have credit for both Spanish 101 and 102. When a student receives credit for any course above 102, he/she will not receive credit for any course which precedes it if it is in the same sequence. For example, if a student has credit for SPAN 311 (Advanced Conversation), he/she may not receive credit for SPAN 205 (Intermediate Conversation), if taken subsequently.

Consult the Placement List below to determine the appropriate Spanish level you may register for. Please consult the Departmental Advisor for additional information about Advanced Placement Tests and other credit and placement questions.

Spanish 101
0 years of Spanish
Level 1 Spanish
Level 2 Spanish with a grade of **C or below**
Spanish 102
Spanish 101 at the University of Maryland or equivalent course at another university
Level 2 Spanish with a grade of **A or B**
Spanish 103
Level 2 Spanish with a grade of **A or B**
Level 3 Spanish with a grade of **C or below**
Native speakers of another romance language or language majors
Spanish 203
Spanish 102 or 103 at the University of Maryland or equivalent course(s) at another university
Level 3 Spanish with a grade of **A or B**
Level 4 Spanish with a grade of C or below
Spanish 204 or 205
Spanish 203 at the University of Maryland or equivalent course(s) at another institution
Level 4 Spanish or higher with a grade of **A or B**
Spanish 204 for natives
For students who speak Spanish (e.g. have grown up speaking Spanish, have lived in a Spanish speaking country) but have little or no formal courses in Spanish

Chinese Placement: Non-majors are required to have an interview with the program placement advisor, Dr. Tsung Chin, before they will be permitted to enroll for any Chinese language course (excepting CHIN 403 and 404).

German and Spanish Placement Schedule: During the semester there will e placement testing in Room 0106, Shoemaker Building. To be admitted for testing, students must have a picture I.D. Testing will be on Tuesday, January 23 at 3:00 p.m. and Wednesday, January 31 at 2:00 p.m. in the Testing Room, Shoemaker Building. Bring a picture I.D. in order to be admitted. All other times call D. Adelstein (x3126) for an appointment.

College Foreign Language Requirements

College of Arts and Humanities Requirements: Students must demonstrate proficiency in a foreign language in one of the following ways:

1. Successful completion of a **12-credit sequence** or **intermediate level in college language courses.**
2. Successful completion of **level 4 in one language** or **level 2 in each of 2 languages** in high school.
3. Successful completion of **a language placement examination** in one of the campus language departments offering such examinations.

College of Journalism Requirement. Completion, either by course work or placement, at the intermediate level of foreign language study.

Major Changes

If you wish to process a major change, go to the college associated with your desired new major to obtain approval, advisement information, and a "Change of Major" form.

Students contemplating a change in major to Architecture, Business & Management, Computer Science, Consumer Economics, Design, Economics, Education, Engineering, Journalism, Radio, Television and Film, or Textile Marketing, should contact the Office of Undergraduate Admissions, 454-4009, for additional information regarding special requirements for entrance into these programs. Students not admitted directly to these programs may choose a pre-major in these programs.

Second Major: A student wishing to complete a second major in addition to his/her primary major, must obtain written permission from both the Dean of the primary major college and the Dean of the secondary major college. Forms for application to a second major are available at all college offices.

NOTE: A student must be enrolled in the major program from which he or she plans to graduate when registering for the final 15 hours of the baccalaureate program.

Second Degree: Refer to the Undergraduate Catalog for Second Degree information.

Undergraduate Student Classifications

Freshman	1-27 semester hours	Junior	56-85 semester hours
Sophomore	28-55 semester hours	Senior	86 to at least 120 semester hours

Pass-Fail Option (Undergraduate Students)

The following policy has been adopted by the Board of Regents for implementation for the Spring 1989 semester.

1. To register for a course under the pass-fail option, an undergraduate must have completed 30 or more credit hours of college credit with a G.P.A. of at least 2.0. At least 15 of these credit hours must have been completed at UMCP with a University of Maryland G.P.A. of at least 2.0.
2. Courses for which this option applies must be electives in the student's program. The courses may not be college, major, field of concentration, or general education program requirements.
3. Only one course per semester or one course per summer session may be registered for under the pass-fail option.
4. No more than 12 semester hours of credit may be taken under the pass-fail option during a student's college career.
5. Students may not choose this option when re-registering for a course.
6. When registering under the pass-fail option, a course that is *passed* will count as *hours* in the student's record but will not be computed in the grade point average. A course that is *failed* will appear on the student's record and will be computed both in the overall average and in the semester average.

NOTE: CHANGES OF GRADING OPTION MAY BE PROCESSED ONLY DURING THE FIRST TEN DAYS OF CLASSES.

GRADUATE STUDENTS are not eligible for the PASS-FAIL grading option.

Zero-Level Courses

CHEM 001* ENGL 001* MATH 001* MATH 002*

Although these courses carry credit for billing and status purposes, they are regarded as having zero credit for academic calculation purposes. Therefore, these courses are excluded from the calculation of credits registered at the end of the Schedule Adjustment Period, from the calculation of quality points and from the calculation of cumulative grade point averages.

*CHEM 001, ENGL 001, and MATH 001/002 fees are also discussed under Fees and Expenses.

Statement on Statute of Limitations for General Education Requirements

Undergraduate students returning or transferring to the College Park Campus after August 1987 will no longer have the option of completing campus general requirements under either the General Education Program or the General University Requirements.

Thereafter, following any substantive change in campus general requirements, undergraduate students returning or transferring to the College Park Campus after a separation of five continuous calendar years must follow the requirements in effect at the time of re-entry. Exception will be granted to those students who at the time of separation had completed sixty percent (60%) of campus general requirements then in effect.

Students from Maryland public community colleges shall be treated as if registration dates were concurrent with enrollment at College Park.

Other exceptions to this policy may be appealed to the Dean of Undergraduate Studies.

The University Studies Program

The Campus Senate and the Board of Regents have approved a new General Education Program. Implementation of this program is currently underway and is scheduled for Fall 1990.

Virtually all American colleges and universities ask that students receiving a baccalaureate degree complete a common set of requirements. These common requirements are usually referred to by the generic term "general education." General education requirements represent a faculty's definition of the knowledge, awarenesses and skills that all graduates should possess before that faculty will give its consent to the awarding of a degree. General education is that portion of the degree requirements in which the entire faculty has a concern.

The University Studies Program is the general education requirement at the University of Maryland, College Park. This program must be completed by all students beginning baccalaureate study after May, 1980. It is intended to provide students with the intellectual skills and conceptual background basic to an understanding of the universe, society and themselves. The focus is not on any particular bodies of knowledge, for almost any subject matter can lead to an awareness of general modes of understanding the world. Thus, for example, it does not matter whether the student studies physics or botany as long as he or she comes away from the course with some understanding of the power of the empirical investigation that characterizes science.

The University Studies Program has three parts. The "Fundamental Studies" section of the program is intended to establish the student's ability to participate in the discourse of the university through demonstrated mastery of written English and mathematics. Those requirements are to be completed early in the student's program in order to serve as a foundation for subsequent work.

The "Distributive Studies" requirement is intended, through study in particular disciplines, to acquaint students with the different ways of analyzing and talking about the world that characterize the three areas into which the university's knowledge is traditionally divided: the physical and biological sciences, the social and behavioral sciences, and the arts and humanities. The fourth category, "History and Culture," includes courses that lead to the consideration of historical and cultural differences and the relationship of our own society to those of other times and places.

In fulfilling "Distributive Studies" requirements, students will have gained some experience of the way in which scholars in different kinds of disciplines make and organize observations about the world and arrive at general statements. It is the purpose of "Advanced Studies" courses to show how these different intellectual approaches compare with each other or may be used in complementary ways to analyze and solve problems. "Development of Knowledge" courses deal with the basis upon which people who use these different approaches claim to know something and the different kinds of insights to which these intellectual strategies lead. "Analysis of Human Problems" courses consider these matters in terms of specific cultural, social, scientific or aesthetic problems which may be approached from several points of view.

The University Studies requirements, designed to be spread throughout the student's four years, represent a third of the total academic work required for graduation. It is the purpose of this program, in combination with the extensive work of the major, to help prepare students to become productive, aware and sensitive members of society, capable of understanding their world and the many kinds of people in it and of taking responsibility for their own decisions and their own lives.

Outline of the Program

These requirements are effective for students entering in May, 1980 and thereafter, with 8 or less credits from this or any other institution. Students with 9 or more credits from this or any institution prior to May, 1980 may elect this program or the old General University Requirements. (See the Undergraduate Catalog for General University Requirements.)

I. FUNDAMENTAL STUDIES — 9 credits (Except for ENGL 391 or 393, must be completed by the time student has completed 30 credit hours).
   A. English Composition — 6 credits
      1. ENGL 101 — 3 credits
         a. Students with TSWE score below 330 take ENGL 101A.
         b. Students with AP score of 4 or 5, or SAT verbal of 600 or above are exempt.
         c. Students who achieve a score of 51 or above on the CLEP Subject Examination College Composition (with essay questions) are exempt.
      2. JUNIOR WRITING (3 credits)
         ENGL 391 — Advanced Composition
         ENGL 391X — Advanced Composition (ESL)
         ENGL 392 — Advanced Composition (Pre-Law)
         ENGL 393 — Technical Writing
         ENGL 393X — Technical Writing (ESL)
         ENGL 394 — Business Writing
         ENGL 395 — Technical Writing (Pre-Med & Health Careers)
         (Any of these courses will fulfill the junior level writing requirement.)
         a. Must be taken AFTER student has completed 56 credit hours (i.e. has reached junior standing).
         b. Students with an A in ENGL 101 (but NOT 101A or 101X) are exempt.
         c. Students who score 700 or better on the SAT Verbal will NOT be exempt from ENGL 391/393.
   B. Mathematics — 3 credits
      MATH 110 or MATH 115.
      1. Students with the following minimum examination scores or higher are exempt:
         a. SAT of 600 or above
         b. College Board Achievement Tests in Mathematics, Level I or II: 600
         c. Advanced Placement Examinations, Calculus AB or BC: 3
         d. Any CLEP *Subject* Examination in Mathematics: 60
      2. Successful completion of any of the following higher level entry courses than MATH 110: MATH 111, 140, 141, 150, 151, 220, 221, 240, 241, 246, 250, 251; STAT 100, 250.

II. DISTRIBUTIVE STUDIES — min.: 24 credits
   A. Culture and History (min.: 6 credits, 2 courses)
   B. Natural Sciences and Mathematics (min.: 6 credits, 2 courses)
      One course must be a laboratory science.
   C. Literature and the Arts (min.: 6 credits, 2 courses)
      Courses must be taken in two different departments, except HONR courses.
   D. Social and Behavioral Sciences (min.: 6 credits, 2 courses)

III. ADVANCED STUDIES — 6 credits
   This requirement may be fulfilled only *after* the student has completed 56 credit hours. It is intended that, in fulfilling this requirement, students choose courses that offer a contrast to the major rather than supplementing it. Courses to fulfill these requirements must be from two different departments outside the department of the student's major.
   A. The Development of Knowledge (1 course, 3 credits)
      Courses which focus on the creation, discovery, exploration, testing and evaluation of knowledge in one or more disciplines.
   B. The Analysis of Human Problems (1 course, 3 credits)
      Courses which focus on the application of knowledge from one or more disciplines to the study of important human problems.

A course taken to satisfy college, major, and/or supporting area requirements may also be used to satisfy University Studies Program (USP) requirements if it appears on the following list of approved courses for USP.

Courses used to satisfy USP FUNDAMENTAL STUDIES, DISTRIBUTIVE STUDIES, OR ADVANCED STUDIES may NOT be taken on a PASS-FAIL basis. Please refer to this page above for a complete statement of the new policy on PASS-FAIL.

Course numbers are subject to change. Please check with departments for verification of previous numbers.

DISTRIBUTIVE STUDIES: APPROVED COURSES

COLLEGE PARK SEMINARS TO START SPRING SEMESTER, 1990

Open to freshmen only, each seminar will be taught by regular faculty and comprised of no more than twenty students. The seminars will satisfy a **distributive studies requirement** and afford students an intense introduction to undergraduate education with emphasis on analytical and critical thinking. The theme of the seminar series will be SCIENCE, TECHNOLGY AND SOCIETY. **The courses to be offered for Spring Semester, 1990 are identified in What's New & Interesting (see page 25).**

Course numbers are subject to change. Please check with departments for verification of previous numbers.

Distributive Studies (A) Cultural and Historical — Approved Courses

AASP	100	Introduction to Afro-American Studies
AASP	200	African Civilizations
AASP	202	Black Culture in the United States
AMST	201	Introduction to American Studies I
AMST	205	Material Aspects of American Life
AMST	207	Contemporary American Cultures
ANTH	298A	Chesapeake: An Archaeology of Maryland
ANTH	298B	The First Americans
CHIN	101	Intensive Elementary Chinese I
CHIN	103	Elementary Written Chinese
CHIN	201	Intermediate Spoken Chinese I
CHIN	202	Intermediate Written Chinese I
CHIN	203	Intermediate Spoken Chinese II
CHIN	204	Intermediate Written Chinese II
CLAS	170	Greek & Roman Mythology
EDPA	210	Historical and Philosophical Perspectives on Education
ENGL	260	Introduction to Folklore
FMCD	330	Family Patterns
FREN	101	Elementary French I
FREN	201	Elementary French II
FREN	103	Review of Elementary French
FREN	203	Intermediate French
FREN	121/121H	Accelerated French I
FREN	122/122H	Accelerated French II
FREN	311	Advanced Comprehension & Expression in French
FREN	312	French Conversation: Current Cultural Events
FREN	370	Aspects of French Civilization
GEOG	150	World Cities
GEOG	202	The World in Cultural Perspective (changed from Area D, Fall 1983)
GEOG	321	Maryland and Adjacent Areas
GEOG	324	Europe
GEOG	325	The Soviet Union
GEOG	326	Africa
GEOG	327	South Asia
GEOG	331	Southeast Asia
GERM	101	Elementary German I
GERM	102	Elementary German II
GERM	103	Review of Elementary German
GERM	104/104H	Intermediate German
GERM	141	Elementary Yiddish I
GERM	142	Elementary Yiddish II
GERM	144	Intermediate Yiddish I
GERM	145	Intermediate Yiddish II
GERM	280	German-American Cultural Contrast
GERM	281	Women in German Literature and Society
GERM	282	Germanic Mythology
GERM	381	German Civilization I
GERM	382	German Civilization II
GERM	383	The Viking Era
GERM	384	The Age of Chivalry
GERM	389C	Selected Topics in Germanic Area Studies: The Ancient Celts
GERM	389I	Selected Topics in Germanic Area Studies: Ancient India
GNED	189F	Cultural Literacy in the Electronic Age
GREK	101	Elementary Greek I
GREK	102	Elementary Greek II
GREK	203	Intermediate Greek
GVPT	240	Political Ideologies
HEBR	111	Elementary Hebrew I
HEBR	112	Elementary Hebrew II
HEBR	211	Intermediate Hebrew I
HEBR	212	Intermediate Hebrew II
HEBR	333	Hebrew Civilization
HEBR	334	Hebrew Civilization
HIST	101	Great Ideas, Events and Personalities in History
HIST	110	The Ancient World
HIST	111	The Medieval World
HIST	112	The Rise of the West, 1500-1789
HIST	113	Modern Europe, 1789-Present
HIST	120	Islamic Civilization
HIST	122	African Civilization
HIST	156	History of the United States to 1865
HIST	170	The Humanities I
HIST	171	The Humanities II
HIST	174	Introduction to the History of Science
HIST	175	Space and Technology in World History: Space/Time/Man/Woman
HIST	176	Modern Business History
HIST	210	Women in America: The Colonial Period to 1880
HIST	211	Women in America Since 1880
HIST	234	History of Britain to 1485
HIST	235	History of Britain 1461-1714
HIST	236	History of Britain 1688 to present
HIST	237	Russian Civilization
HIST	250	Latin American History I (to 1810)
HIST	251	Latin American History II (1810 to present)
HIST	282	History of the Jewish People I
HIST	283	History of the Jewish People II
HIST	284	East Asian Civilization I
HIST	285	East Asian Civilization II
HONR	118	Freshman Honors Colloq., Cultural and Historical
HONR	318	Honors Seminar, Cultural and Historical
ITAL	101	Elementary Italian I
ITAL	102	Elementary Italian II
ITAL	121/121H	Accelerated Italian I
ITAL	122/122H	Accelerated Italian II
ITAL	203	Intermediate Italian
ITAL	204	Review Grammar and Composition
ITAL	211	Intermediate Conversation
ITAL	370	Italian Civilization
JAPN	101	Elementary Japanese I
JAPN	102	Elementary Japanese II
JAPN	201	Intermediate Spoken Japenese I
JAPN	202	Intermediate Written Japenese I
JAPN	203	Intermediate Spoken Japanese II
JAPN	204	Intermediate Written Japanese II
JAPN	217	Buddhism and Japanese Literature in Translation
LATN	101	Elementary Latin I
LATN	102	Elementary Latin II
LATN	120	Intensive Latin
LATN	203	Intermediate Latin I
LATN	204	Intermediate Latin II
LATN	220	Intermediate Intensive Latin
PHED	293	History of Sport in America
PHIL	100	Introduction to Philosophy

PHIL	110	Plato's *Republic*
PHIL	243	Philosophy of Rural Life
PHIL	250	Philosophy of Science I
PORT	101	Elementary Portuguese I
PORT	102	Elementary Portuguese II
PORT	203	Intermediate Portuguese
RUSS	101	Elementary Russian I
RUSS	102	Elementary Russian II
RUSS	281	Russian Culture
RUSS	282	Russian Language and Soviet Culture
SPAN	101	Elementary Spanish I
SPAN	102	Elementary Spanish II
SPAN	103	Review of Elementary Spanish
SPAN	203/203H	Intermediate Spanish
SPAN	204	Reviwe of Oral and Written Spanish
SPAN	205	Intermediate Conversation
SPAN	311	Advanced Conversation I
SPAN	312	Advanced Conversation II
SPAN	325	Spanish Civilization I
SPAN	326	Spanish Civilization II
SPAN	346	Latin American Civilization I
SPAN	347	Latin American Civilization II
TEXT	345	History of Costume I
TEXT	347	History of Costume II
TEXT	363	History of Textiles
THET	310	The American Theatre

***NOTE: Not all courses are offered each semester. Check course listings.**

Distributive Studies (B) Natural Sciences and Mathematics — Approved Courses

Lab Sciences

AGRO	302	General Soils
ASTR	100 & 110 or 111	Introductory Astronomy & Astronomy Laboratory
BIOL	101 & 102	Organization and Interrelationships in the Biological World & Laboratory in Biology
BIOL	105	Principles of Biology I
BIOL	106	Principles of Biology II
BOTN	100	General Botany for Non-science Students
CHEM	102	Chemistry of Man's Environment
CHEM	103	General Chemistry I
CHEM	104	Fundamentals of Organic and Biochemistry
CHEM	105	Principles of General Chemistry I
CHEM	111	Chemistry in Modern Life
CHEM	113	General Chemistry II
CHEM	115	Principles of Entomology
ENTM	205	Principles of Entomology
GEOG	170 & 171	Maps and Map Use & Maps and Map Use Laboratory
GEOG	201 & 211	The Geography of Environmental Systmes & The Geography of Environmental Systems Laboratory
GEOL	100 & 110	Introductory Physical Geology & Physical Geology Laboratory
GEOL	101	Physical Geology for Science Students
MICB	100	Basic Microbiology
MICB	200	General Microbiology
PHED	360	Physiology of Exercise
PHYS	102 & 103	Physics of Music & Physics of Music Laboratory
PHYS	106 & 107	Light, Perception, Photography & Visual Phenomena & Light, Perception, Photography & Visual Phenomena Laboratory
PHYS	114	Energy and the Environment
PHYS	117	Introduction to Physics
PHYS	121	Fundamentals of Physics I
PHYS	122	Fundamentals of Physics II
PHYS	141	Principles of Physics I
PHYS	142	Principles of Physics II
PHYS	221	General Physics for Science Teachers I
PHYS	222	General Physics for Science Teachers II
PHYS	262	(Lab) General Physics: Vibrations, Waves, Heat, electricity and Magnetism
PHYS	263	(Lab) General Physics: Electrodynamics, Light, Relativity and Modern Physics
PHYS	272 & 275	Introductory Physics: Thermodynamics, Electricity & Magnetism; Lab: Mechanics & Thermodynamics
PHYS	273 & 276	Introductory Physics: Electricity & Magnetism, Waves, Optics; Lab: Electricity & Magnetism
ZOOL	210	Animal Diversity
ZOOL	212	Ecology, Evolution and Behavior

Non-Lab Sciences & Mathematics

ANTH	101	Introduction to Anthropology: Archaeology & Physical Anthropology
AGRO	105	Soil and the Environment
ANSC	101	Principles of Animal Science
ANTH	101	Introduction to Anthropology
ASTR	100	Introductory Astronomy
ASTR	181	Introductory Astronomy and Astrophysics I
ASTR	182	Introductory Astronomy and Astrophysics II
ASTR	350	Astronomy and Astrophysics
BIOL	101	Organization and Interrelationships in the Biological World
BOTN	103	Human Aspects of Plant Biology
BOTN	211	Ecology and Mankind
CHEM	107	Chemistry and Man
ENAG	232	Water: A Renewable Resource
ENES	120	Noise Pollution
ENES	121	The Man-Made World
ENTM	100	Insects
GEOG	140	Coastal Environments
GEOG	170	Maps and Map Use
GEOG	201	The Geography of Environmental Systems
GEOL	100	Physical Geology
GEOL	102	Historical Geology
GEOL	120	Environmental Geology
HESP	305	Anatomy & Physiology of the Speech Mechanism
HONR	128	Freshman Honors Colloq.: Natural Sciences and Mathematics
HONR	328	Honors Seminar: Natural Sciences and Mathematics
HORT	100	Introduction to Horticulture
MATH	111	Introduction to Math II
MATH	140	Calculus I
MATH	141	Calculus II
MATH	150	Calculus I (Honors)
MATH	151	Calculus II (Honors)
MATH	210	Elements of Mathematics
MATH	211	Elements of Geometry
MATH	220	Elementary Calculus I
MATH	221	Elementary Calculus II
MATH	240	Introduction to Linear Algebra
MATH	241	Calculus III
MATH	246	Differential Equations for Scientists and Engineers
MATH	250	Calculus III (Honors)
MATH	251	Calculus IV (Honors)
METO	100	Weather and Life
MICB	322	Microbiology and the Public
NUTR	100	Elements of Nutrition
PHIL	271	Symbol Logic I
PHYS	101	Contemporary Physics
PHYS	102	Physics of Music
PHYS	106	Light, Perception, Photography & Visual Phenomena
PHYS	111	Physics in the Modern World I
PHYS	112	Physics in the Modern World II
PHYS	161	General Physics: Mechanics and Particle Dynamics
PHYS	171	Introductory Physics: Mechanics
PSYC	206	Developmental Biopsychology
PSYC	301	Biological Basis of Behavior
SOCY	201	Introductory Statistics for Sociology
STAT	100	Elementary Statistics and Probability
STAT	250	Introduction to Statistical Models
ZOOL	181	Life in the Oceans

***NOTE: Not all courses are offered each semester. Check course listings.**

Distributive Studies (C) Literature and the Arts — Approved Courses

NOTE: Courses must be taken in two different departments.

APDS	104	Survey of Design History
ARCH	170	An Introduction to the Built Environment
ARCH	222	History of Western Architecture
ARTH	100	Introduction to Art
ARTH	200	Art of the Western World I
ARTH	201	Art of the Western World II
ARTH	275	Art of Africa
ARTH	290	Arts of Asia
CHIN	213	Chinese Poetry in English
CHIN	314	Chinese Fiction and Drama in Translation
CHIN	315	Modern Chinese Literature in Translation
CHIN	441	Traditional Chinese Fiction
CHIN	442	Modern Chinese Fiction
CLAS	270	Greek Literature in Translation
CLAS	271	Roman Literature in Translation
DANC	200	Introduction to Dance
ENGL	201	World Literature: Homer to the Renaissance
ENGL	202	World Liteature: The Renaissance to the Present
ENGL	205	Introduction to Shakespeare
ENGL	211	English Literature from Beginnings to 1800
ENGL	212	English Literature from 1800 to Present
ENGL	221	American Literature: The Beginning to 1865
ENGL	222	American Literature: 1965 to the Present
ENGL	234	Introduction to Afro-American Literature
ENGL	240	Introduction to Literary Form: Fiction, Poetry, Drama
ENGL	241	Introduction to the Novel
ENGL	242	Fact and Fiction: Forms of Non-Fiction Prose
ENGL	243	Introduction to Poetry
ENGL	244	Introduction to Drama
ENGL	245	Introduction to the Film as Literature
ENGL	246	The Short Story
ENGL	247	The Literature of Fantasy
ENGL	250	Women in Literature
ENGL	271	Honors World Literature: Homer to the Renaissance
ENGL	272	Honors World Literature: Renaissance to the 20th Century
ENGL	301	Critical Methods in the Study of Literature
ENGL	302	English Medieval Literature in Translation
ENGL	304	Major Works of Shakespeare
ENGL	305	Shakespeare and His Contemporaries: An Introduction
ENGL	345	Twentieth Century Poetry of Britain and America
ENGL	462	Folk Song and Ballad
FREN	250	Readings in French
FREN	340	Modern French Literature in Translation
FREN	350/350H	French Literature from the Revolution to the Present
FREN	352/352H	French Literature from the Middle Ages to the Revolution
GERM	220	Introduction to German Literature
GERM	285	German Film and Literature
GNED	189A	The Two Cultures
GNED	189G	Technology as a Theme in Literature Since the Industrial Revolution
GREK	204	Intermediate Greek (Homer)
HEBR	223	The Hebrew Bible: Narrative
HEBR	224	The Hebrew Bible: Poetry and Rhetoric
HEBR	231	Jewish Literature in Translation
HONR	138	Freshman Honors Colloqium: Literature and the Arts
HORN	338	Honors Seminar: Literature and the Arts
HORT	160	Introduction to the Art of Landscaping
ITAL	251	Introduction to Italian Literature
ITAL	351	Italian Literature from Danta to the Renaissance
ITAL	376	The Italian Opera Libretto
MUSC	130	Survey of Music Literature
MUSC	140	Music Fundamentals I
MUSC	141	Music Fundamentals II
MUSC	215	The Art of the Performer
RTVF	314	Introduction to the Film
RUSS	221	Masterworks of Russian Literature I
RUSS	222	Masterworks of Russian Literature II
RUSS	328A	Nineteenth Century Russian Literature in Translation: From Pushkin to Dostoevsky
RUSS	328B	Nineteenth Century Russian Literature in Translation: From Dostoevsky to Chekhov
SPAN	221	Readings in Spanish
SPAN	321	Survey of Spanish Literature: 12th-17th Century
SPAN	322	Survey of Spanish Literature: 18th-20th Century
SPAN	323	Survey of Spanish American Literature I
SPAN	324	Survey of Spanish American Literature II
THET	110	Introduction to the Theatre
WMST	250	Women, Art, and Culture

***NOTE: Not all courses are offered each semester. Check course listings.**

Distributive Studies (D) Social and Behavioral Sciences — Approved Courses

AMST	203	Popular Culture in America
AMST	204	Film and American Culture Studies
AMST	206	Business and American Culture Studies
ANTH	102	Introduction to Anthropology
ANTH	221	Man and Environment
ANTH	241	Introduction to Archaeology
ANTH	271	Language and Culture
AREC	240	Environmental and Human Ecology
ARSC	310	Management & Leadership I
ARSC	320	National Security Forces in Contemporary American Society I
BSOS	200	Introduction to Applied Behavioral Social Sciences
CJUS	100	Introduction to Law Enforcement
CNEC	100	Introduction to Consumer Economics
CRIM	220	Criminology
ECON	105	Economics of Social Problems
ECON	201	Principles of Economics I
ECON	203	Principles of Economics II
ECON	205	Fundamentals of Economics
ECON	307	Development of Economic Ideas
ECON	310	Evolution of Modern Capitalism in Western Europe and the United States
ECON	311	American Economic Development
EDHD	306	A Study of Human Behavior
EDHD	330	Human Development and Social Institutions
EDPA	201	Education in Contemporary American Society
FMCD	201	Concepts in Community Development
FMCD	250	Decision-Making in Families and Communities
FOOD	110	Food for People
FOOD	300	Economics of Food Consumption
GEOG	100	Introduction to Geography
GEOG	110	The World Today: A Regional Geography
GEOG	130	Developing Countries
GEOG	203	Economic Geography
GNED	189B	Rationality and Values
GNED	189C	Leisure and Technology
GNED	189D	Individual Rights from Cicero to Rand
GNED	189E	How Society Deals with Technological Hazards
GVPT	100	Principles of Government and Politics
GVPT	170	American Government
GVPT	220	Introduction to Political Behavior
GVPT	273	Introduction to Environmental Policy
GVPT	300	International Political Relations
GVPT	343	Political Themes in Contemporary Literature
HESP	120	Introduction to Linguistics
HIST	157	History of the U.S. Since 1865
HIST	275	Law and Constitutionalism in American History
HLTH	230	Introduction to Health Behavior
HLTH	285	Controlling Stress & Tension
HONR	148	Freshman Honors Colloquium: Social and Behavioral Sciences
JOUR	100	Introduction to Mass Communication
LING	200	Introduction to Linguistics
LING	240	Language and Mind
PHED	287	Sport and American Society
PHED	350	Psychology of Sport
PHED	385	Motor Learning and Skilled Performance
PHIL	140	Contemporary Moral Issues
PHIL	245	Political and Social Philosophy I
PSYC	100	Introduction to Psychology
PSYC	221	Social Psychology
PSYC	310	Perception
PSYC	335	Personality and Adjustment
RECR	130	Recreation and Literature
RTVF	124	Mass Communication in 20th Century Society
SOCY	100	Introduction to Sociology
SOCY	105	Introduction to Contemporary Social Problems
SOCY	230	Sociological Social Psychology
SOCY	300	American Society
SOCY	327	Introduction to the Study of Deviance
SOCY	331	Work, Bureaucracy and Industry
SOCY	341	Inequality in American Society
SPCH	350	Foundation of Communication Theory
URBS	100	Introduction to Interdisciplinary Urban Studies
URBS	210	Behavioral and Social Dimensions of the Urban Community
URBS	220	Environmental and Technological Dimensions of the Urban Community
URBS	320	The City and the Developing National Culture of the United States
WMST	200	Introduction to Women's Studies

***NOTE: Not all courses are offered each semester. Check course listings.**

ADVANCED STUDIES: APPROVED COURSES

The courses listed below have been approved for Advanced Studies Credit. **Not all courses are offered each semester. Check course listings for current semester.** Descriptions of most courses are given in the current Undergraduate Catalog. In order to verify course prerequisites, you **must** read the description in the catalog. Course descriptions for courses which have an alphabetical suffix following the three digit number, such as PHIL 308F and HIST 312A, are printed in the section below the list of approved Advanced Studies Courses.

WARNING: A course with the same number but a different suffix and title is NOT approved for Advanced Studies credit unless it is also in the list below.

NOTE: Advanced Studies courses must be taken in two different departments outside of the student's major (except HONR courses).

Advanced Studies: Development of Knowledge — Approved Courses Offered for Spring 1990

ANTH	371	Introduction to Linguistics
ANTH	401	Cultural Anthropology
ANTH	451	Archaeology of the New World
ASTR	300	Stars and Stellar Systems
ASTR	330	Solar System Astronomy
ASTR	340	Galaxies and the Universe
ASTR	380	Life in the Universe
CJUS	330	Contemorary Legal Policy Issues
CLAS	320	Women in Classical Antiquity
CLAS	470	Advanced Greek and Roman Mythology
ECON	402	Business Cycles
EDMS	451	Introduction to Educational Statistics
ENGL	320	English Romantic Literature
ENGL	379E	Special Topics in Literature: Film Analysis The Rhetoric of Fictional Worlds
ENGL	412	Literature of the Seventeenth Century: 1600-1660
ENGL	432	American Literature, 1865-1914: Realism and Naturalism
ENGL	453	Literary Criticism
ENGL	477	Studies in Mythmaking
ENGL	489A	Special Topics in English Language: The Language of Advertising
ENGL	489C	Special Topics in English Language: The Language of the Law
GVPT	441	History of Political Theory: Ancient and Medieval
GVPT	442	History of Political Theory: Medieval to Recent
HEBR	498R	Special Topics in Hebrew: Reconstructing Ancient Civilizations: The Case of Mesopotamia
HIST	407	History of Technology
HLTH	498T	Ways of Knowing About Stress and Tension
HONR	368	Honors Seminar: Development of Knowledge
ITAL	421	The Italian Renaissance
LING	440	Grammars and Cognition
MATH	406	Introduction to Numbers Theory
MATH	430	Euclidean and Non-Euclidean Geometrics
NUTR	335	History of Nutrition
PHED	362	Philosophy of Sport
PHIL	310	Ancient Philosophy
PHIL	328B	Marxist Philosophy
PHIL	331	Philosophy of Art
PHIL	332	Philosophy of Beauty
PHIL	334	Philosophy of Music
PHIL	447	Philosophy of Law
PHIL	451	Scientific Thought II
PHIL	452	Philosophy of Physics
PHYS	420	Principles of Modern Physics
PHYS	421	Introduction to Modern Physics
THET	495	History of Theatrical Theory and Criticism
WMST	400	Theories of Feminism

Advanced Studies: Analysis of Human Problems — Approved Courses Offered for Spring 1990

AEED	323	Developing Youth Programs
AGRO	303	Intermediate Crop Production
AMST	330	Critics of American Culture
AMST	418B	Cultural Themes in America: Culture and Mental Disorders in Modern America
AREC	365	World Hunger
CHEM	374	Technology, Energy and Risk
CNEC	310	Consumer Economics and Public Policy
CNEC	410	Consumer Finance
CNEC	431	The Consumer and the Law
CNEC	435	Economics of Consumption
CNED	437	Consumer Behavior
ECON	315	Economic Development of Underdeveloped Areas
EDHD	413	Adolescent Development
EDHD	445	Guidance of Young Children
EDIT	476	Application of Technology to Societal Problems
EDIT	492	Issues Confronting Families Past and Future: A Multidisciplinary Examination
EDPA	400	The Future of the Human Community
ENAG	315	Energy: Its Effect on Agriculture and Food
ENGL	379N	Special Topics in Literature: The Literature of Sentiment and Sentimentality
FMCD	381	Poverty and Affluence Among Low Income Families and the Community
FMCD	487	Legal Aspects of Family Patterns
FMCD	497	The Child and the Law
GVPT	403	Law, Morality, and War
GVPT	432	Civil Rights and the Constitution
HIST	316A	Crisis and Change in Latin America: Slavery and Race Relations
HLTH	476	Death Education
HONR	378	Honors Seminar: Analysis of Human Problems
ITAL	411	Dante
PHIL	308B	Philosophy of Life
PHIL	441	History of Ethics
PSYC	354	Cross-Cultural Psychology
SOCY	325	Sex Roles
SOCY	427	Deviant Behavior
SOCY	441	Social Stratification and Inequality
SOCY	460	Sociology of Work
SOCY	464	Military Sociology
SOCY	498N	Sociology of Nuclear War

The Following List of Advanced Studies Approved Courses may be offered in future semesters.

Development of Knowledge:

AMST	418E	Cultural Themes in America: The American Image of Africa
AMST	418K	Cultural Themes in America: Race in America: Theory and Policy
AMST	428A	American Cultural Eras: Social Dramas in American Cultural History
AMST	429B	Perspectives on Popular Culture: Science Fiction in American Culture
AMST	432	Literature and American Society
ANTH	389C	Research Problems: Culture and Personality
ARHU	308B	An Interdisciplinary Analysis of Scandinavian Civilization
ARHU	309A	Forms and Forces of Human Experience: An Interdiscplinary Exploration—Philosophies of Art
BCHM	361	Origins of Biochemistry
ENGL	379I	Special Topics in Literature: Science and Literature
ENGL	379J	Special Topics in Literature: Interpreting the Bible
ENGL	379K	Special Topics in Literature: Private Lives
ENGL	379L	Special Topics in Literature: The Great Divide: The Modern and Pre-Modern World
ENGL	379M	Special Topics in Literature: Britain in the Age of Revolution, 1760-1820
ENGL	379O	Special Topics in Literature: Language and Gender: Male/Female Differences in Language Use
ENGL	379V	Special Topics in Literature: Modern Poetry and the Visual Arts
ENGL	385	Semantics
ENGL	479R	Special Topics in English and American Literature after 1800: Readers, Writers and Rhetoric
GEOL	301	Evolution in Geology
GERM	349A	Yiddish Literature in Translation: Yiddish Culture — The Holocaust in Film and Literature
GERM	479B	Selected Topics in Germanic Philology: Language and Science
GNED	301	The Arts and the Sciences
GVPT	443	Contemporary Political Theory
HEBR	498B	Special Topics in Hebrew: Issues of Jewish Ethics and the Law
HIST	311A	Approaches to European Social History
HIST	311B	Approaches to the Past: Historiography
HIST	311S	Approaches to the Past: Science and History—Archaeoastronomy and the History of Science
HIST	401	The Scientific Revolution: From Copernicus to Newton
HIST	402	Development of Modern Physical Science: From Newton to Einstein
HIST	403	20th Century Revolution in the Physical Sciences
HIST	412	Readings in Psycho-History
HSAD	451	Gaming Simulation in Design I
MATH	310	Introduction to Mathematical Reasoning
MUSC	340	Music Literature Survey I
PHIL	308A	Studies in Contemporary Philosophy: Philosophy of Literature and Film
PHIL	308C	Studies in Contemporary Philosophy: Philosophy of Computers
PHIL	308D	Studies in Contemporary Philosophy: Discovery and Analogy in Science
PHIL	308E	Studies in Contemporary Philosophy: Philosophy of History
PHIL	408D	Topics in Contemporary Philosophy: Philosophical Issues in Art History
PHIL	408F	Topics in Contemporary Philosophy: Contemporary French and German Philosophy
PHIL	408S	Topics in Contemporary Philosophy: The Nature of Scientific Understanding
PHIL	428A	Origins of the Modern Scientific World View
PHIL	431	Aesthetic Theory
PHIL	450	Scientific Thought I
PHIL	453	Philosophy of Science II
PHIL	454	Philosophy of Economics
PHIL	455	Philosophy of the Social Sciences
PHIL	456	Philosophy of Biology
PHIL	458A	Topics in the Philosophy of Science: Philosophy of Agricultural Science
PHIL	458X	Topics in the Philosophy of Science: Causation and Causal Thinking
PHIL	465	Philosophy of Psychology
PHIL	472	Philosophy of Mathematics
PHYS	490	History of Modern Physics
PHYS	499F	Special Topics in Physics: Twentieth Century Physics—Physics for Managers and Analysis
SOCY	403	Intermedite Sociological Theory
SOCY	498K	Sociology of Knowledge
SPCH	450	Classical and Medieval Rhetorical Theory
ZOOL	301	Biological Issues and Scientific Evidence
ZOOL	323	Brain & Behavior

Analysis of Human Problems:

AMSC	418C	Cultural Themes in America: The American Environment: Conservation and Energy
AMST	418D	Cultural Themes in America: Growing Up American
AMST	428B	American Cultural Eras
ANTH	389B	Medicine, Health and Culture
AREC	433	Food and Agricultural Policy
AREC	445	Agricultural Development in the Third World
AREC	453	Natural Resources and Public Policy
ARHU	308A	Post World War II Japan Through Film and Fiction
CLAS	374	Greek Tragedy in Translation
ECON	451	Public Choice and Public Policy
ECON	490	Survey of Urban Economic Problems and Policies
EDCI	381	Schools and Children
EDCP	420	Education and Racism
EDCP	462	The Disabled Person in American Society
EDPA	401	Educational Technology, Policy and Social Change
ENGL	379F	Special Topics in Literature: Coping with Change
ENGL	389Q	Special Topics in Literature: More's Utopia and Modern Utopian Visions
ENGL	379R	Special Topics in Literature: Different Views of the Chesapeake Bay
ENGL	379S	Special Topics in Literature: Changing Ideas of the City in Western Literature
ENGL	379T	Special Topics in Literature: On Argument
ENGL	479A	Selected Topics in English and American Literature After 1800: Ideal and Real Communities in 19th Century American Literature
ENTM	303	International Pesticide Problems and Solutions
FMCD	431	The Family Crisis and Intervention
FREN	478B	Themes and Movements in French Literature in Translation: Autobiographical Fiction by Francophone Women Writers
FREN	478C	Themes and Movements in French Literature in Translation: Conflict Between Individual and Society in French Literature
FREN	479A	Masterworks of French Literature in Translation: The Age of Anxiety — The Literature of Existentialism and the Absurd
FREN	479D	Masterworks of French Literature in Translatino: Ideologies and Relations Between the Sexes
GEOG	434	Agricultual and Rural Development
GEOG	456	Social Geography of Metropolitan Areas
GEOG	462	Water Resources and Water Resource Planning
GEOG	463	Geographic Aspects of Pollution
GEOG	464	Energy Resources and Planning
GERM	389J	Topics in Germanic Culture: Honor as a Theme in Western Literature
GERM	389R	Topics in Germanic Culture: Reason and Faith
GNED	300	Perspectives in Nuclear War
GVPT	405	Defense Policy and Arms Control
GVPT	457	American Foreign Relations
GVPT	462	Urban Politics
GVPT	471	Women and Politics
HIST	312A	Crisis and Change in the United States: The Changing Urban Scene
HIST	312B	Crisis and Change in the United States: Dynamics of Federal Indian Policy
HIST	313A	Crisis and Change in the United States: Freedom and Authority
HIST	314A	Crisis and Change in the United States: Nationalism and Nation Building in the Middle East
HIST	458A	Special Topics in Women's History: Victorian Women
HLTH	490	Theories of Children's Love and Peace Behaviors
NUTR	425	International Nutrition
NUTR	498F	Development and Modification of Food Habits
PHIL	308F	Philosophical Aspects in Feminism
PHIL	340	Making Decisions
PHIL	342	Moral Problems in Medicine
PHIL	408A	Topics in Contemporary Philosophy: Analysis and Design of Legal and Moral Institutions
PHIL	408L	Topics in Contemporary Philosophy: Racial and Sexual Discrimination
PHIL	446	Law, Morality and War
PHYS	318N	Topics in Contemporary Physics: The Risks of Nuclear Power
SOCY	305	Scarcity and Modern Society
SOCY	333	Technology and Society
SOCY	431	Formal and Complex Organizations
SOCY	498A	Medical Sociology
SOCY	498R	Work, Family, Community and Friendship: Issues in Social Identity and Well Being
SPCH	324	Communication and Sex Roles
ZOOL	346	Human Genetics and Society
ZOOL	381	Natural History of the Chesapeake Bay

Course Descriptions for Approved Advanced Studies Courses

— Courses **without an alphabetical suffix following the three digits,** such as ECON 415, are described in the current Undergraduate Catalog. In order to verify course prerequisites, you must read the description in the catalog.

— Courses **with an alphabetical suffix following the three digits,** such as HIST 312A, are described below.

— Not all courses are offered each semester. Check course listings.

DEVELOPMENT OF KNOWLEDGE

AMST 418E — CULTURAL THEMES IN AMERICA: THE AMERICAN IMAGE OF AFRICA. By focusing attention on American ideas about Africa, this course traces the origins of American stereotypes of Africa and their development, especially during the late nineteenth and early twentieth centuries. Through a systematic analysis of American perceptions of Africa, the most significant bodies of contemporary information available concerning the continent are examined: the written accounts of Americans who actually were traveling to Africa, and the numerous kinds of secondary sources published in America about Africa. Prerequisites: a course in American Studies, Afro-American Studies, History, or Geography.

AMST 418K — CULTURAL THEMES IN AMERICA: RACE IN AMERICA: THEORY AND POLICY. American culture has been, since its earliest days, concerned with categorizing and labelling people on the basis of distinguishable physical characteristics. The evolution of this tendency to link physical differences with mental and tempermental differences historically involved the fields of the natural sciences, geography, ethnology, linguistcs, theology, and literature. Race theory spilled over into American politics — both foreign and domestic — and shaped laws, mores, and behavior patterns, while popular race policies stimulated research and shaped the biases of racial theorists. Prerequisites: a prior course in American Studies, American History, or Sociology.

AMST 428A — AMERICAN CULTURAL ERAS: SOCIAL DRAMAS IN AMERICAN CULTURAL HISTORY. Focus on images of the future — as found in advertising, utopian literature, film, world's fairs, science fiction, community planning, and Toffler's *Future Shock* — to illustrate the strategies of social rhetoric and institutions in responding to the conflict and changes of America's past. Prerequisites: a prior course in American Studies, or History, or Sociology.

AMST 429B — PERSPECTIVES ON POPULAR CULTURE: SCIENCE FICTION IN AMERICAN CULTURE. Explores science fiction as a form of communication illustrative of the roles of socialization, institutionalization and cultural criticism in American society. The course provides a historical overview of science fiction, focuses on important literary narratives, considers the icons and conventions of science fiction art and film, and introduces the theoretical insights to be gained from the disciplines of literary criticism, sociology and anthropology. Prerequisites: one of the following: AMST 203, 418, 428, 432; a course on twentieth century American history or American literature; a course on the Sociology of Art or Sociology of Knowledge; a course in the History or Philosophy of Science; previous "Fantasy and Science Fiction" course.

ANTH 389C — CULTURE AND PERSONALITY. Examines the relationship between the individual and society, as well as cross-cultural differences in personality types. Emphasis will be on biography, including anthropological life history and other material. Focus will be on determining the ways in which information pertaining to the events of individual lives contribute to our understanding of the human condition. Prerequisite: ANTH 102 or 221 or related course in the social sciences or permission of instructor.

ARHU 308B — AN INTERDISCIPLINARY ANALYSIS OF SCANDINAVIAN CIVILIZATION. Acquaints students with the geography, politics, and history of Scandinavia. An introduction to the literature, status of women and minorities, language, religion, architecture, theatre and arts. Interrelations of the various components which blend to form a civilization will be analyzed. Prerequisites: one history course, one literature course.

ARHU 309A — FORMS AND FORCES OF HUMAN EXPERIENCE: AN INTERDISCIPLINARY EXPLORATION — PHILOSOPHIES OF ART. Explores the similarities and differences in the creative impulse in music and the visual arts. Artists in each area would be studied to understand the sources of their art, its relation to their social and personal situations and to the *Zeitgeist*. The course would concentrate on various forms of modern art and explore the reasons for differences in general orientation as well as traits broadly shared.

ENGL 379O — SPECIAL TOPICS IN LITERATURE: LANGUAGE AND GENDER: MALE/FEMALE DIFFERENCE IN LANGUAGE USE. By taking this course, students will gain an understanding of how gender affects communication, and, on a more practical level, of what members of the opposite sex (whichever one that is for each student) might mean when they engage in language behavior which the student finds puzzling or off-putting. In addition, students will, it is hoped, learn to appreciate the point of view of the opposite sex (whichever one that happens to be). Prerequisites: two courses from literature and/or linguistics.

ENGL 379E — SPECIAL TOPICS IN LITERATURE: FILM ANALYSIS: THE RHETORIC OF FICTIONAL WORLDS. Examines approximately twelve films to reveal how narrative films create apparently closed worlds of illusion in which every action and behavior is composed as part of a pattern of meaning. This rhetorical approach implies a variety of strategies by which filmmaker and audience enter into a conspiracy of communication; the emphasis here is on the manner in which the terms of exchange are exposed, the language made visible, the illusion fractured. Prerequisite: Completion of two literature courses.

ENGL 379I — SPECIAL TOPICS IN LITERATURE: SCIENCE AND LITERATURE. Examines outstanding literary works whose content is scientific to ask: (1) how are the scientific method and creative process related? (2) What are the correspondences between the theoretical and the metaphorical imaginations? (3) How is art empirical and empiricism artful? (4) Are there various styles of scientific inquiry, as in literary art? Is there a creative methodology that guides every writer, regardless of style? (5) How are the intentions of science and literature alike, different, at odds? Prerequisite: Completion of two literature courses.

ENGL 379J — SPECIAL TOPICS IN LITERATURE: READING THE BIBLE: PROBLEMS OF INTERPRETATION. Investigates the ways that the Bible has been read from the perspectives of a variety of disciplines through history. The traditional religious way of reading the Bible; the Higher Biblical Criticism as a reflection of 19th century historicism and science; modern readings of the Bible, including psychoanalytic, structuralist, anthropological, and literary interpretations. Prerequisite: completion of two literature courses.

ENGL 379K — SPECIAL TOPICS IN LITERATURE: PRIVATE LIVES. Students will learn how to do original research by utilizing primary sources available in Maryland and the District of Columbia. Students will conduct interviews, use extensive archival collections and analyze oral histories. The questions before the class will be: What is history? How does one understand the nature of ordinary experience and how does one assemble these experiences to "create" history? Each student will study a special person, family or neighborhood and prepare an historical project. Prerequisites: two lower division English courses.

ENGL 379L — SPECIAL TOPICS IN LITERATURE: THE GREAT DIVIDE: THE MODERN AND PRE-MODERN WORLDS. This course will examine the great divide between the modern and pre-modern periods by examining a series of paired Medieval/Renaissance and Modern literary, religious, and psychological texts from *Beowulf* to *Prizzi's Honor*. It will ask what unsuspected continuities and discontinuities exist between the modern and pre-modern periods and what changing ideas of self, society, God, heroism and science are seen. Prerequisites: two Literature courses.

ENGL 379M — SPECIAL TOPICS IN LITERATURE: BRITAIN IN THE AGE OF REVOLUTION, 1760-1820. Deals with how British artists, authors, historians, and political theorists responded to the American and French Revolutions in politics, the Industrial Revolution in economics, and the Romantic Revolution in the arts. In each of these interrelated revolutions a traditional, hierarchic system was challenged by rational, equalitarian premise. Critical thinking will be encouraged by considering opposing views of major events and developments. Prerequisite: any combination of 2 courses from Art, Literature, and/or History. NO PASS-FAIL.

ENGL 379V — SPECIAL TOPICS IN LITERATURE: MODERN POETRY AND THE VISUAL ARTS. Focusing on the interaction of modern poetry and the visual arts, ENGL 379V first examines a variety of analytical techniques of interdisciplinary study. These techniques are then applied to modernism's three most important poets: W. B. Yeats, Ezra Pound and T. S. Eliot, involving an examination of the poems, the poets' comments on how those poems are connected to the visual arts, and the painting, sculpture, and architecture that provide the context for the writers and their work. Prerequisites: two college level literature courses.

ENGL 479R — SPECIAL TOPICS IN ENGLISH AND AMERICAN LITERATURE AFTER 1800: READERS, WRITERS, AND RHETORIC. Examines the nature of the reading process: how it develops, how it has changed over time, what influences it, and how different kinds of text may be read. The course samples reading theory in psychology, education, and literature, and applies this theory both to literary texts and to a range of nonfiction prose. Reading is presented as a complex, active process of constructing meaning in a text.

ENGL 489A — SPECIAL TOPICS IN ENGLISH LANGUAGE: THE LANGUAGE OF ADVERTISING. Examines the role of language in fulfilling the two primary purposes of advertising: (1) to inform the consumer and (2) to persuade the consumer to purchase the product. To provide a context for this examination, the course treats not only language which is peculiar to advertising, but also other uses in other kinds of communication, such as the principles governing the use of technical terminology, implications, connotations, etc. Prerequisite: Two lower division courses.

ENGL 489C — SPECIAL TOPICS IN ENGLISH LANGUAGE: THE LANGUAGE OF THE LAW. The language of the law is a special language in every sense — in style, vocabulary, use, syntax, and history. Investigation will show that oral and written legal language to close syntactic analysis and to analysis of the special ways in which it is used. The language of manipulation, in bilingual situations, and as plain English are a part of this course. So are linguistic offenses, notions of linguistic authority, vagueness, language use by witnesses and its comprehensibility to juries. Its sense of drama and ritual are apparent in both real legal language and in literary portrayals of it. Prerequisite: Six credits in courses related to language: writing, linguistics, English language or literature, foreign language, or English department writing internship.

GERM 349A — YIDDISH LITERATURE IN TRANSLATION: YIDDISH CULTURE — THE HOLOCAUST IN FILM AND LITERATURE. Among the most compelling of modern literature is that body of writings dedicated to recording, interpreting, and evaluating the attempted Nazi genocide of the Jews. Different in effect but also of considerable significance are the documentary and commercial films that attempt to present the Holocaust experience. The course encourages students to reflect on the profound questions raised by the depiction of unprecedented extremes of human behavior. Prerequisites: lower level English literature or literature translation course.

GERM 479B — SELECTED TOPICS IN GERMANIC PHILOLOGY: LANGUAGE AND SCIENCE. When does a discipline become a science? How is something as amorphous, abstract, "soft" as language studies scientific? This course focuses on the recent history of the study of language (linguistics) as an example of the maturation of a "science". The basic principles and methodology of modern linguistics are studied with an eye toward understanding the influence of modern scientific methodology on traditional "soft" sciences and, conversely, appreciating the importance of the study of language for modern science. Prerequisite: completion of either the Natural Science & Math, or the Social & Behavioral Sciences requirement as well as some experience with linguistics or foreign language learning.

HEBR 498B — SPECIAL TOPICS IN JEWISH STUDIES: ISSUES IN JEWISH ETHICS AND LAW. An analysis of provocative and controversial issues in family law, business and medical ethics in the light of classical Jewish discussions. Theoretical issues, such as the relationship of ethics to Jewish law, and the dynamics of Jewish law, will also be discussed. Prerequisite: one course in Philosophy or Jewish Studies.

HEBR 498R — SPECIAL TOPICS IN JEWISH STUDIES: RECONSTRUCTING ANCIENT CIVILIZATIONS: THE CASE OF MESOPOTAMIA. What do we know of ancient civilizations? How do we know it? This course examines how archeology and written documents enable modern scholars to reconstruct the civilizations of the ancient Near East. Prerequisite: One course in ancient or medieval history or one course in a foreign literature.

HIST 311A — APPROACHES TO THE PAST: APPROACHES TO EUROPEAN SOCIAL HISTORY. The principal goal of this course is to develop an understanding of the principal historical theories concerning human society and the ways in which historians study human social organization and behavior. The social history of Europe will serve as a common focus for the semester's readings and discussions. Members of the class will be responsible for weekly reading assignments and a 15-20 page term paper analyzing historical approaches to a significant problem in European social history. Prerequisite: one course in history.

HIST 311B — APPROACHES TO THE PAST: HISTORIOGRAPHY.

HIST 311S — APPROACHES TO THE PAST: SCIENCE AND HISTORY — ARCHAEOASTRONOMY AND THE HISTORY OF SCIENCE. This course compares the scientific and humanistic approaches to knowledge, first by examining claims that they are radically different (the "two cultures thesis) and then by showing how science has become more historical, and the scientists are presented as participants in the phenomena they are supposed to observe. Prerequisite: one history course.

HLTH 498T — WAYS OF KNOWING ABOUT HUMAN STRESS AND TENSION. A critical examination of assumptions related to stress and tension via selected methods in the life sciences, the behavioral sciences, and the arts and humanities. The major goal is to help the student attain a position of responsibility with respect to what he or she knows about stress. Prerequisite: HLTH 285 and completion of the Literature and Art component of the Distributive Studies requirement.

PHIL 308A — STUDIES IN CONTEMPORARY PHILOSOPHY: PHILOSOPHY OF LITERATURE AND FILM. Course will deal with problems in the understanding of narrative fiction which are common to literature and film, and with differences between the two media in relation to various artistic goals, narrative and otherwise. We will be interested centrally in the ways and means by which literary and cinematic works manage to contain intellectual content, convey thoughts or attitudes, or present views of the world. And this merely, it seems, by telling stories. Prerequisites: two courses in Literature/Film, or one Literature/Film and one Philosophy course.

PHIL 308C — STUDIES IN CONTEMPORARY PHILOSOPHY: PHILOSOPHY AND COMPUTERS. This course is an introduction to two kinds of philosophical issues concerning computers. First, we shall examine, in non-technical form, some of the major concepts and results in the abstract theory of computation. We shall then investigate, with this preparation, some fundamental topics focusing on the question, "Can machines think?" Prerequisite: one course in logic or computer science.

PHIL 308D — STUDIES IN CONTEMPORARY PHILOSOPHY: DISCOVERY AND ANALOGY IN SCIENCE. Course will explore answers to the following question: How are new explanatory theories in science constructed? One hypothesis that we will examine is that analogies play a key role in discovery. Consider: constructing a new theory involves putting old ideas together in new ways. Work in several fields is relevant to the topic: philosophy of science on discovery, philosophy on analogies and metaphors, artificial intelligence (AI) on computer systems to make scientific discoveries or reason by analogy. Prerequisites: PHIL 250 or two science courses.

PHIL 308E — STUDIES IN CONTEMPORARY PHILOSOPHY: PHILOSOPHY OF HISTORY. Examines critically alternative answers to fundamental questions in the philosophy of history: What is a historical interpretation? How is a historical interpretation related to the evidence upon which it is based? How, if at all, can a historical interpretation be shown better than competing interpretations? To what extent can this showing be regarded as objective? As scientific? As these questions indicate, the course deals with critical rather than speculative philosophy of history. Prerequisites: six hours in philosophy or history.

PHIL 328B — MARXIST PHILOSOPHY. The major ideas of Marx and Engels (historical materialism, alienation, class struggle, ideology, capitalism, revolution, the state, etc.); with the Hegelian background of Marxist theory; and with 20th century additions and interpretations, including such authors as Lenin, Trotsky, Sartre, Gramsci, Habermas, and a Marxist feminist. Prerequisites: one course in PHIL or GVPT.

PHIL 408D — TOPICS IN CONTEMPORARY PHILOSOPHY — PHILOSOPHICAL ISSUES IN ART HISTORY. Examines methodological problems which arise when art historians mobilize art-historical means (ranging from the eye of the connoisseur to laboratory tests) to achieve the goals of the discipline: discriminating authentic works, fixing dates and authorship, reconstructing artistic context, determining artistic meaning and purpose, uncovering influences, and charting and accounting for developments of style. How far can art-historical conclusions and interpretations be scientific? Or objective? Or value-free? Or free from historical conditioning by the historian's time and culture? Which limitations of art history as we know it are a matter of incomplete evidence and which are structural in the discipline itself? Prerequisites: one course in philosophy and two in art history, or permission of instructor.

PHIL 408F — TOPICS IN CONTEMPORARY PHILOSOPHY — CONTEMPORARY FRENCH AND GERMAN PHILOSOPHY. The central philosophical themes of phenomenology, structuralism and hermeneutics, together with their 19th century background. Applications of these themes to various aspects of modern European culture: technology, mass-media, sexuality, penal institutions, labor, and language. Heidegger, Foucault, Derrida, Ricoeur, Horkheimer, Adorno, Levi-Strauss. Prerequisite: one course in philosophy.

PHIL 408S — TOPICS IN CONTEMPORARY PHILOSOPHY — THE NATURE OF SCIENTIFIC UNDERSTANDING. What is scientific understanding? What is scientific explanation? What assumptions are involved in scientific explanations? Are these assumptions strictly necessary, or are they refinable or replaceable, so as to put science on a firmer footing? If so, how? Are there ultimate limits to scientific explanation? If so, what are they precisely? These questions are explored through historical readings and through intensive examination of contemporary accounts of scientific understanding. Prerequisites: two courses in science or philosophy.

PHIL 428A — ORIGINS OF THE MODERN SCIENTIFIC WORLD VIEW. This course will examine the evolution of modern scientific and philosophical views from the controversies about the nature of science which took place in the 17th and 18th centuries. Among the topics to be discussed are: debates about the aims and methods of science; the nature of space, time, matter, and force; man and God in relation to the physical universe; interactions of philosophical, scientific, and mathematical theories. Prerequisites: none.

PHIL 431 — TOPICS IN CONTEMPORARY PHILOSOPHY — AESTHETIC THEORY AND PHILOSOPHY OF CRITICISM.

PHIL 458A — TOPICS IN THE PHILOSOPHY OF SCIENCE: PHILOSOPHY OF AGRICULTURAL SCIENCE. This course will examine the nature of scientific agricultural knowledge, agriculture's contributions to scientific method, and the applicability of agricultural research techniques to other disciplines such as the Social Sciences. In the process it will examine various philosophical issues that arise in animal behavior studies and explore the roles values have in scientific research and knowledge. Prerequisites: two courses in the agricultural sciences or two courses in philosophy; MATH 111 or STAT 100 or equivalent.

PHIL 458X — TOPICS IN THE PHILOSOPHY OF SCIENCE: CAUSATION AND CAUSAL THINKING. Concerned with the nature of causation and with the importance of causation both in theoretical science and in policy applications. The course divides into four sections of unequal length. The first and longest section will concern itself with the difficult questions of what it is for one event to cause another and of how causal notions are related to issues concerning indiction and explanation. Both historic and contemporary texts will be assigned and studied. The second section will be concerned with the importance of causal notions in theoretical science: Can modern science dispense with causal language altogether? The third section of the course will consider the role of causal knowledge in policy making. Is causal knowledge indispensable in deciding what to do? Prerequisites: one course in philosophy and one course in science, or permission of instructor.

PHYS 499F — SPECIAL PROBLEMS IN PHYSICS: TWENTIETH CENTURY PHYSICS — PHYSICS FOR MANAGERS AND ANALYSTS. A discussion of the foundations of the profound changes in our understanding of the world that came about as result of a number of fundamental discoveries in physics. Includes relativity and the dilation of time, the wave nature of particles, and the quantum nature of waves. Prerequisite: One year of algebra-based physics, such as PHYS 121, 133. Not recommended for majors in any of the physical sciences.

SOCY 498K — SOCIOLOGY OF KNOWLEDGE. The subject of this course is the creation, objectification and legitimation of what is called "knowledge". Our basic approach will be sociological. This is, instead of seeing knowledge as gained and respected for purely logical or empirical reasons, we will examine the acquisition and acceptance of knowledge as a social process, a process through which concepts such as "logical" or "empirical" are themselves constructed and imposed. Within this broad sociological perspective, we will compare several different approaches; for example, we will examine and employ the intellectual strategies of phenomenologists, marxists, functionalists and semioticians for the sociology of knowledge. Prerequisites: introduction to sociology, philosophy or history.

ANALYSIS OF HUMAN PROBLEMS

AMST 418B — CULTURAL THEMES IN AMERICA: CULTURE AND MENTAL DISORDERS IN MODERN AMERICA. This course will be based on a comparative, cross-cultural approach to the connections between culture and mental disorders in contemporary American society. In considering the social circumstances in which deviance is committed, labelled, and treated, emphasis will be placed on the analysis of the symbolic systems created and employed by deviants, such as psychotics, and of the symbolic systems used by therapists such as psychiatrists. The relationships between these two systems, and their connections to patterns in the general American culture will be explored. Theoretical readings will be supplemented by case studies from American and non-Western cultures. Students will have the opportunity to conduct field observations at local mental institutions. Prerequisite: a course in American studies or an anthropology, psychology, or sociology course.

AMST 418C — CULTURAL THEMES IN AMERICA: THE AMERICAN ENVIRONMENT: CONSERVATION AND ECOLOGY. Prerequisites: none.

AMST 418D — CULTURAL THEMES IN AMERICA: GROWING UP AMERICAN. This course examines growing up in the United States, using historical documents, novels, and child-rearing manuals; emphasis on the transmission of values, knowledge, and beliefs. Prerequisite: a prior course in American Studies, History or Sociology.

AMST 428B — AMERICAN CULTURAL ERAS: AMERICAN FILM CULTURE IN THE 1960s. Investigating the interaction between the film medium and an era of significant cultural change, the course will emphasize: (1) institutional factors (the Hollywood industry, the avant-garde, film critics) that influence the production and appreciation of the motion picture; (2) Hollywood genres (the horror film, the war movie, the gangster melodrama) undergoing transformations during this period; (3) documentaries and experimental narrative films exploring the medium as an instrument for social observation and reform. Prerequisites: one American Studies course, a Film course, a twentieth century American History course, a Sociology course.

ANTH 389B — MEDICINE, HEALTH AND CULTURE. Anthropologists study medical and health behavior in diverse cultural settings. The subject matter for this course ranges from traditional healing and health care practices to contemporary United States medical treatment. Topics include nutrition, cross-cultural dimensions of mental health, medical practices, and professonal roles for health practitioners. Prerequisites: ANTH 102 or related course in the social sciences and permission of instructor.

ARHU 308A — POST WORLD WAR II JAPAN THROUGH FILM AND FICTION. A critical analysis, using fiction, film, and historical writing, of Japan's defeat in World War II, postwar trauma as an occupied country, and ultimate national recovery and emergence as an economic superpower. It asks what changed and what continued and why in Japanese politics, economic life, educational system, the arts, the family and value system, and international relations. Topics include war guilt and the psychology of defeat; the human costs of the atomic bomb; occupation reforms and interaction with the conquerors; peace and security treaties and the resumption of international relations; changing family and social roles; creativity in the arts and sciences; competition in world trade and high technology. Prerequisites: completion of Social & Behavioral Sciences.

ENGL 379F — SPECIAL TOPICS IN LITERATURE: COPING WITH CHANGE. An examination of the kinds of changes which confront the individual and society and ways of coping with these changes as seen in literature and film. Topics will range from personal changes such as adapting to the breakup of a family or a career change to large scale social changes involving alterations in value systems and behavior. Prerequisites: two Literature courses. NO pass/fail option.

ENGL 379N — SPECIAL TOPICS IN LITERATURE: THE LITERATURE OF SENTIMENT AND SENTIMENTALITY. Treats the beginning of the Romantic Movement in England, presenting major works of poetry and prose against the background of the Industrial Revolution, the French Revolution, and the growth of nationalism. The underlying question in the course, however, is how our view of the world around us, and our presentation of human experience has been influenced by the Romantic Revolution. Prerequisite: Completion of two literature courses.

ENGL 379Q — SPECIAL TOPICS IN LITERATURE: UTOPIA & UTOPIAN VISIONS. Treats the development of the Utopian genres in literature and the transformation of some dystopian texts into films. The course emphasizes responses to the following human problems: Frederick Winslow Taylor's "Scientific Management" and modern technocracy, the anti-feminine tradition and feminism, the modern state and individual freedom, the distribution of wealth and the philosophy of pleasure, eugenics and euthanasia, and, finally, the problem of art vs. propaganda as confronted by the author of utopias. Prerequisite: Completion of two literature courses.

ENGL 379R — SPECIAL TOPICS IN LITERATURE: DIFFERENT VIEWS OF THE CHESAPEAKE BAY. Studies the way in which the Bay has served as the subject of observers of different times and with different concerns. Involving scientific, sociological, *and* literary treatments of the subject. The course provides an understanding not only of historical events, but also of the governmental and industrial forces that have influenced life in Maryland. Prerequisite: completion of two literature courses.

ENGL 379S — SPECIAL TOPICS IN LITERATURE: CHANGING IDEAS OF THE CITY IN WESTERN LITERATURE. Deals with the conflict between the modern tendency to think of the *fact* of cities as business centers, slums, cultural resources, etc., and the older concern with the *idea* of cities as places in which people can achieve their highest civic, political, and human potential. The imaginative significance of the city is revealed through reading some of the great "city literature" from Sophocles and Plato to Nathaniel West and George Orwell. Prerequisites: two lower level English courses.

ENGL 379T — SPECIAL TOPICS IN LITERATURE: ON ARGUMENT. This course teaches students the nature and uses of written argument by having them: 1) read some of the great arguments in history, 2) learn the theory and strategies behind these arguments and arguments in general, and 3) practice writing and criticizing arguments themselves. The readings will include works and excerpts from works by John Milton, Adam Smith, Jonathan Smith, Jeremy Bentham, John Stuart Mill, Charles Darwin, E. O. Wilson, and contemporary arguments from different forums. Students will write two short and one longer paper and take a midterm and a final.

ENGL 479A — SELECTED TOPICS IN ENGLISH AND AMERICAN LITERATURE AFTER 1800: IDEAL & REAL COMMUNITIES IN 19th CENTURY AMERICAN LITERATURE. Focuses generally on the problem of defining and developing a new nation that seeks to be an ideal regenerative community and specifically on the role of utopian ideals and the problem of sustaining those ideals as revealed in 19th century American literature. The course treats such classic authors as Cooper, Hawthorne, and Melville as well as such neglected writers as Rebecca Harding Davis, Harriet Wilson, and the anonymous women factory workers in 1840's Lowell. Prerequisite: completion of two literature courses.

FREN 478B — THEMES AND MOVEMENTS OF FRENCH LITERATURE IN TRANSLATION: AUTOBIOGRAPHICAL FICTION BY FRANCOPHONE WOMEN WRITERS. The course examines some of the many questions related to woman's experience and quest for identity. Authors will include Sand, Colette, deBeauvoir, Sarraute, Duras, Cardinal, Blais. In English. Prerequisite: Completion of USP Distributive Studies A & C requirements.

FREN 478C — THEMES AND MOVEMENTS OF FRENCH LITERATURE IN TRANSLATION: CONFLICT BETWEEN INDIVIDUAL AND SOCIETY IN FRENCH LITERATURE. Prerequisite: Junior standing; a course in literature, philosophy, or history of ideas.

FREN 479A — MASTERWORKS OF FRENCH LITERATURE IN TRANSLATION: THE LITERATURE OF EXISTENTIALISM AND THE ABSURD. Readings and discussion of masterworks of 20th century French literature with a focus on the dominant theme of anxiety. Authors include Gide, Malraux, Sartre, Camus, Beckett. Works are analyzed primarily as a reflection of philosophical ideas and historical events that have led to an awareness of the absurd and the formulation of an existentialist outlook. All work in English. Prerequisites: none.

FREN 479D — MASTERWORKS OF FRENCH LITERATURE IN TRANSLATION: IDEOLOGIES AND RELATIONS BETWEEN THE SEXES. The course examines how various ideological trends associated with certain historical periods over the last five centuries are reflected in major French literary works dealing with the relations between the sexes. The primary focus of discussion will be the notion of equality between the sexes. All work in English.

GERM 389J — TOPICS IN GERMANIC CULTURE: HONOR AS A THEME IN WESTERN LITERATURE. This course traces the concept of honor as revealed in literary and philosophical works from classical to modern times, from the *Iliad* and *Beowulf* to Schnitzler's *None But the Brave*, and Harper Lee's *To Kill a Mockingbird*. All readings in English, no previous training required. Prerequisites: a course in literature or cultural anthropology.

GERM 389R — TOPICS IN GERMANIC CULTURE: REASON AND FAITH. An examination of the basic issue of "reason and faith" with readings drawn from both classical and contemporary writers and philosophers such as Bacon, Pascal, Voltaire, Kant, Goethe, Kierkegaard, Kafka, Camus, and Russell. Discussion will center on the crucial role the concepts "reason and faith" play in the daily decision-making process. Prerequisite: an introductory course in one of the following areas: literature, philosophy, cultural anthropology, psychology, or sociology.

HIST 312A — CRISIS AND CHANGE IN THE UNITED STATES: THE CHANGING URBAN SCENE. This course explores the changing urban scene in the United States with emphasis on the effects of urbanization on values, family patterns, intergroup relations and social structure. Theories about urbanization will be considered in relation to the historical evidence regarding cities at different stages of the national development.

HIST 312B — CRISIS AND CHANGE IN THE UNITED STATES: DYNAMICS OF FEDERAL INDIAN POLICY. This course offers in-depth analysis of federal Indian policies in the United States, presenting key periods in the development of policy toward native Americans and inviting students to evaluate the moral dilemmas which shifting federal policies have posed. The course emphasizes receptivity to different cultures and values. Prerequisite: One history course.

HIST 313A — CRISIS AND CHANGE IN EUROPEAN SOCIETY: FREEDOM AND AUTHORITY. An examination from an historical perspective of the conflict between society's demands and the demands of the individual conscience. Areas covered: Ancient World, Modern Totalitarian States (Nazi Germany and the USSR), American Ideas and Experience. Prerequisites: one history course.

HIST 314A — CRISIS AND CHANGE IN THE MIDDLE EAST AND AFRICA: NATIONALISM AND NATION BUILDING IN THE MIDDLE EAST. This course acquaints students with the effect of nationalism on patterns of political conflict and accommodations in the Middle East. Readings and discussions focus on the period since World War I and the collapse of the Ottoman Empire. It explores the challenges presented to Arab and Turkish nation builders in their efforts to defend a national identity, secure full independence and establish a legitimizing national ideology supported by stable political, social and economic institutions. The special place of Iran, with its centuries-old national existence, will also be studied. Prerequisite: one history course.

HIST 316A — CRISIS AND CHANGE IN LATIN AMERICA: SLAVERY AND RACE RELATIONS. This course attempts to help students understand the similarities and differences in the slave systems and the parallel racial tensions that developed in the Americas since the sixteenth century. Emphasis will be placed upon the formation of the slave societies, the tensions caused by the abolition movements that led to the end of the slave era, and the evolutions of modern racism. Prerequisite: one history course.

HIST 458A — SPECIAL TOPICS IN WOMEN'S HISTORY: VICTORIAN WOMEN. Explores the persistence of elements of an ideology developed in one social context into another where both society and values have much changed. Scholarly emphasis on "development" in the study of ideas tends to neglect how frequently what Weber called "outmoded convictions" retain substantial social influence. By having students explore closely the development of concepts about women in the Victorian period, and the way this ideology continues to be influential in many forms of social thought today, a sense of the relationship of major vestigial social ideas to both changing socio-economic relations and reform interests will be conveyed. Prerequisite: one course in history.

NUTR 498F — DEVELOPMENT AND MODIFICATION OF FOOD HABITS. Multi-factual problems related to changing food habits: relationships between food habits and health status; strategies for changing specific food habits. Prerequisite: NUTR 100.

PHIL 308B — PHILOSOPHY OF LIFE. The course introduces students to ethical issues relevant to the way we understand and lead our lives. Questions to be discussed include: How important should morality be within an individual's concerns? How useful is life-planning in leading a good life? Is what is virtuous or good relative to one's time of life? And is it always irrational to choose less than the best? Readings will be from recent works of philosophy and psychology and certain classics of imaginative literature. Prerequisite: one course in philosophy.

PHIL 308F — PHILOSOPHICAL ASPECTS IN FEMINISM. Theoretical frameworks underlying issues of feminism, including theories for and theories against feminist conclusions. Major topics include sex/gender roles, the nature of sexuality, equal rights, pornography, abortion, the family, feminist socialism, and feminist and antifeminist positions. The final topic is the possibility of gender bias in the approach used in the course itself. Prerequisite: One course in philosophy.

PHIL 408A — TOPICS IN CONTEMPORARY PHILOSOPHY: ANALYSIS AND DESIGN OF LEGAL AND MORAL INSTITUTIONS. A study of the relationship between moral principles and the actual design and operation of social institutions and practices. The course seeks to determine whether there are foundational standards by which rules of law and/or morality can be assessed, and to determine the bearing of such standards on social mechanisms such as contracts or procedures for mediation of disputes. Prerequisite: One course in Philosophy and one course in Economics or Government and Politics.

PHIL 408L — TOPICS IN CONTEMPORARY PHILOSOPHY: RACIAL AND SEXUAL DISCRIMINATION. Central aim of the course is to re-examine the bases of our common judgements about discrimination and to work through some of the controversies about anti-discrimination policy. To carry through this aim, the course will focus on (1) the conceptual problems that impede our understanding of what discrimination is; (2) the general principles of justice and equal opportunity that are supposed to explain why discrimination by race or sex is generally wrong, and (3) the difficulties of putting into practice the elimination of discrimination. Prerequisite: one course in philosophy.

PHYS 318N — TOPICS IN CONTEMPORARY PHYSICS: THE RISKS OF NUCLEAR POWER. The physical processes involved and the current state of knowledge in such areas as demand for electricity, power plant systems and operations, the nuclear fuel cycle, properties of radioisotopes, biological effects of ionizing radiation, effects of low-level radiation, societal risks, transportation of radioactive materials, nuclear waste disposal, safety of operation of nuclear power plants, nuclear weapons proliferation and economics of electrical power production. Prerequisite: PHYS 112 or 122, or equivalent.

SOCY 498A — MEDICAL SOCIOLOGY. This course will look at health care and its relationship to the social system in which it takes place. We will examine the relationship between social factors and health; the seeking and use of health services; the profession of medicine including the physician, nurse and paraprofessional; the place of the hospital; the financing of medical care and more. Prerequisite: SOCY 100 or 105.

SOCY 498N — SOCIOLOGY OF NUCLEAR WAR. The course sets nuclear war within a specific conceptual framework of military history and social theories of war and violence. The course covers the history of strategic air and deterrence doctrines; the physics and chemistry of nuclear, chemical, biological, and recombinant DNA weapons; the effects of nuclear and catastrophic war, including social, political, economic, psychological, ecological, and semiotic; current Soviet and American scenarios for nuclear use and conventional force deployment; doctrinal and political connections between nuclear, conventional, and unconventional military options; the morality of war and how the morality itself is a function of the social organization of the production and delivery of violence. Prerequisite: SOCY 100 or 105.

SOCY 498R — WORK, FAMILY, COMMUNITY, AND FRIENDSHIP: ISSUES IN SOCIAL IDENTITY AND WELL BEING. What makes people happy and healthy? How important are ties to others in groups, a sense of community, a feeling of mattering to and caring about others? How important is objective standard of living? How do people maintain their social bonds, while preserving a sense of individual identity? How do the answers to these questions differ by gender, age, education, and race? These are some of the questions to be addressed in this course. Prerequisite: at least one course in sociology or psychology or a course on the family.

What's New and Interesting

DISTINGUISHED SCHOLAR-TEACHER COURSES

In 1978-79 the Campus initiated the Distinguished Scholar-Teacher Program whereby outstanding scholar-teachers will offer a series of special courses with an interdisciplinary emphasis. Each of the Distinguished Scholar-Teachers offers one course open to undergraduate students regardless of major. For the Fall 1989 Semester, the courses and instructors will be:

BMGT 364 — MANAGEMENT AND ORGANIZATION THEORY(3) (Section 0101, MW 2:30-3:45 PM). 0130 Tydings. Taught by Dr. Kathryn Bartol, College of Business and Management. This course covers basic principles of management that can be applied in a wide variety of organizational — ass well as international — contexts. Managerial functions of planning, organizing, leading, and controlling will be examined.

HIST 319D — THE HERO AND DETERMINISM IN THE HISTORY OF AMERICAN FOREIGN RELATIONS (3) (Section 0101, Lecture MW 10:00-10:50 AM, 0116 Francis Scott Key). (Discussion: F 10:00-10:50 AM, 0116 Francis Scott Key, OR F 11:00-11:50 AM, 2119 Francis Scott Key). Taught by Dr. Wayne Cole, Department of History. This course explains the history of American foreign affairs in terms of external and internal influences with particular emphasis on the ways those various influences encouraged American expansion in world affairs. The question of the extent to which people or circumstances controlled America's course in world affairs is examined.

ENGL 478A — THE BIBLE AS LITERATURE (3) (Section 0101, TTH 11:00-12:15 PM), 1103 Taliaferro. Taught by Dr. Susan Handelman, Department of English. This course focuses on historical and literary aspects of the Old Testament. Readings will include highlights of the Old Testament, narratives and poetry, and recent literary approaches.

The Distinguished Scholar-Teachers represent the best instruction offered at College Park. In view of the general interest of these courses, the instructors will welcome to the classroom any member of the campus community who wishes to attend some or all of the lectures. No advance arrangements are necessary.

COLLEGE PARK SEMINARS, SPRING 1990

Open to freshmen only, each seminar will be comprised of no more than twenty students. The seminars will satisfy a **distributive studies requirement** and afford students an intense introduction to undergraduate education with emphasis on analytical and critical thinking. The theme of the seminar series is SCIENCE, SOCIETY AND TECHNOLOGY.

GNED 189A — THE TWO CULTURES (3) (Section 0101, TTH 2:00-3:15) 0118 Reckord Armory. Taught by Dr. Morris Freedman, Department of English. This seminar focuses on the large and specific objectives of, on the one hand, technology and, on the other hand, the arts, specifically literature. Students will examine how human values are defined at the extremes: a simply physically satisfactory life at one end, an aesthetically and ethically fulfilled life at the other. USP AREA C

GNED 189B — RATIONALITY AND VALUES (3) (Section 0101, TTH 11:00-12:15) 0118 Reckord Armory. Taught by Dr. C. Fred Alford, Department of Government and Politics. The writings of Thucydides, Plato, Popper and Aristotle deal with the questions that have challenged the greatest minds for over 2,500 years: What is justice? What is the good life? Students will become familiar with the arguments of these authors and look at the relationship among science, technology and society from the vantage point of the classical authors. USP AREA D

GNED 189C — LEISURE AND TECHNOLOGY (3) (Section 0101, TTH 9:30-10:45) 0118 Reckord Armory. Taught by Dr. John W. Churchill, Department of Recreation. This seminar focuses on the interrelationships among and between technology and leisure vis a vis various aspects of society including: the arts, the social sciences, sport, human services, the church, special populations, government and industry. USP AREA D

GNED 189D — INDIVIDUAL RIGHTS FROM CICERO TO RAND (3) (Section 0101, TTH 11:00-12:15) 0102 Engineering Classroom Building. Taught by Dr. Edwin A. Locke, College of Business and Management. This seminar will consist of an historical survey of key developments in the theory of individual rights from Cicero to Rand. Students will examine basic questions such as: What is a right? Are there such things as "natural rights"? What is the relationship of rights to government? USP AREA D

GNED 189E — HOW SOCIETY DEALS WITH TECHNOLOGICAL HAZARDS (3) (Section 0101, TTH 2:00-3:15) 0102 Engineering Classroom Building. Taught by Dr. Vickie M. Bier, Department of Chemical and Nuclear Engineering. This seminar will examine a number of concepts related to societal decision making regarding technological hazards. Students will examine differing ways that risks are perceived by lay people and technical experts; how technological hazards should be addressed by society; the necessity of making difficult choices even when all the available alternatives have undesirable impacts. USP AREA D

GNED 189F — CULTURAL LITERACY IN THE ELECTRONIC AGE (3) (Section 0101, TTH 12:30-1:45) 0118 Reckord Armory. Taught by Dr. Myron Lounsbury, Department of American Studies. This seminar will trace how twentieth-century Americans have responded to the emergence of the electronic media — film, television and the computer. It will conclude with speculations, encouraged by the science fiction writer and popular social philosophers, about the future of our information or post-industrial society. USP AREA A

GNED 189G — TECHNOLOGY AS A THEME IN LITERATURE SINCE THE INDUSTRIAL REVOLUTION (3) (Section 0101, TTH 9:30-10:45) 0102 Engineering Classroom Building. Taught by Dr. James Wallace, Department of Mechanical Engineering. This seminar will look at how the technical world developed through the eyes of some of our culture's most perceptive literary artists and provide students with insight into our present condition and what to do about it. The common theme of the literature will be the authors' views of the role of technology as a powerful force, for good or ill, in shaping human life and society. USP AREA C

AFRO AMERICAN STUDIES PROGRAM

AASP 301 — APPLIED POLICY ANALYSIS AND THE BLACK COMMUNITY. Prerequisite: AASP 101. This course examines research methods used to analyze social, political and ethical policies affecting minority communities and ways to improve these social programs.

AASP 303 — COMPUTER APPLICATIONS IN AFRO-AMERICAN STUDIES. Prerequisite: STAT 100 or SOCY 201 or MATH 111. This corse introduces students to statistics and database processing software used in model estimation and simulation in policy analysis with a special emphasis on applications for applied research on policy problems confronting minority communities.

AASP 312 — SOCIAL CULTURE EFFECTS OF RACISM AND COLONIALISM. This course discusses the social and cultural effects of colonization and racism on black people in Africa, Latin America and in United States as related to community and family life, religion, economic institutions, education and artistic expression.

AASP 402 — CLASSIC READINGS IN AFRO-AMERICAN STUDIES. This course introduces students to the classic studies on the historical treatment and the socio-economic status of blacks and other minorities in the U.S.A.

AASP 410 — AFRICAN IDEOLOGIES. Examines the philosophies of African Leaders, such as Bishop Tutu, Boesak Allan and Savimbi of South Africa, Nkrumah, Toure, Cabral, et.al. as well as, Afro-American leaders including Jessie Jackson, W.E.B. Dubois, Paul Robeson, M.L. King, et.al.

AASP 411 — BLACK RESISTANCE MOVEMENTS. This course discusses revolts by Afro-Americans in Africa and the U.S.A. and analyzes the impact of these movements on the changes in contemporary society.

AASP 497 — POLICY SEMINAR IN AFRO-AMERICAN STUDIES. Prerequisite: AASP 301 or Permission by the Department. This course is a practicum in field research on public policy issues which affect African Americans in the state of Maryland.

AASP 499Q — ADVANCED TOPICS IN PUBLIC POLICY: PUBLIC ORGANIZATIONS. This is a seminar which gives students the opportunity to apply tools of policy analysis to public policies relevant to the status of African Americans. Public policies from several sectors provide the content for this course, e.g., housing, economic development, education, welfare, health, and labor. Emphasis is on the acquisition of analytical skills; including but, not limited to cost-benefit analysis, zero-based budgeting, planning programming budgeting systems, and analytical memoranda.

DEPARTMENT OF AGRICULTURAL AND EXTENSION EDUCATION

AEED 489M — FIELD EXPERIENCE: MANAGEMENT, COMMUNICATIONS AND LEADERSHIP. What are your potentials and competencies in management, communications and leadership? Are your experiences and course of study focusing on these essential skills? The class will review basic management, communications and leadership concepts and methods. Practical application of these competencies will be emphasized. Each student will determine their own individual needs and strengths, tailor a series of learning experiences to strengthen their abilities and critique with the class the outcome of their efforts. We will concentrate on practical application.

DEPARTMENT OF AGRONOMY

AGRO 441 — SUSTAINABLE AGRICULTURE. Ray R. Weil, Instructor. A study of the environmental, social and economic reasons to seek alternatives to the high-input, chemical-intensive farming systems that are currently the convention in industrial countries. The emphasis is on strategies and practices that minimize non-renewable resource use while enhancing both the diversity and integrity of agricultural and natural ecosystems and the economic opportunities in agriculture. Guest speakers, films, informal lectures, and student participation planned.

DEPARTMENT OF ANIMAL SCIENCES

ANSC 406 — ENVIRONMENTAL PHYSIOLOGY (Mench and Stricklin). Physiological and behavioral adaptions of domestic, laboratory and zoo animals to housing systems will be discussed. The course will emphasize methods to maximize the welfare of animals and the efficiency of production through environmental manipulation.

ARCHITECTURE

ARCH 472 — ECONOMIC DETERMINANTS OF ARCHITECTURE. An introduction to real estate development economics for architecture, business, and other students interested in gaining competence in the area of real estate project development processes. Student-generated project development models are tested in computer-aided, individual feasibility studies using sophisticated financial modeling techniques including analysis of internal rate of return. No prior experience in real estate law or computer modeling required. Can be taken for graduate or undergraduate credit. Access to computer facilities provided with course. Seminar limited to 20 students. Meets Tuesdays from 9:30-11:00 and Fridays from 11:00-12:00 in Room 1121.

DEPARTMENT OF AGRICULTURAL AND RESOURCE ECONOMICS

AREC 489E — APPLICATIONS OF MATHEMATICAL PROGRAMMING IN FOOD AND AGRICULTURE. Attention Business Students: Linear programming and the current generation of personal computers enable small and intermediate sized firms to solve a broad array of optimization problems. This course gives the student the opportunity to solve realistic problems for a wide range of circumstances. Emphasis is on model building and interpretation of results. Prerequisite: ECON 306 or consent of instructor.

DEPARTMENT OF CRIMINAL JUSTICE

CJUS 330 — CONTEMPORARY LEGAL POLICY ISSUES. During the Spring Semester the course will deal with two issues which are of current interest in the fields of criminal law and social policy: (1) the legal and ethical problems involved in the use of the Racketeer Influenced and Corrupt Organizations Act of 1970 (R.I.C.O): in particular use of the law in ways not contemplated by the congress that passed the law, and its draconian forfeiture provisions (2) self-defense: the Goetz case and the Burning Bed case — modern changes in the legal defense of self-defense.

DEPARTMENT OF ECONOMICS

ECON 423 — QUANTITATIVE METHODS IN ECONOMICS II.

ECON 454 — THEORY OF PUBLIC FINANCE AND FISCAL FEDERALISM. A new class being offered in spring. Prerequisite: ECON 306 or ECON 406. Credit will be given for only one course: ECON 450 or 454.

CAPSTONE COURSES. The Department will continue to offer capstone courses as part of our efforts to pursue the goals outlined in the Pease Report. The capstone courses will be advanced level seminars, entailing in-depth review of literature in an area, and the principles of research design. Students will write a seminar paper as the principal requirement of the course. In subsequent years the Department will expect to offer additional capstone courses. Students enrolled in the departmental honors program may also enroll in a capstone workshop. This year's capstone course is ECON 398B.

ECON 398B — WORKSHOP IN LABOR ECONOMICS AND THE DISTRIBUTION OF INCOME. Prerequisites: ECON 306 or 406 and one of the following: ECON 301, ECON 370, ECON 374, ECON 375 or ECON 470. Analysis of the theory of labor markets and the distribution of income and opportunity. Emphasis on the micro-economic underpinnings of employer/employee interactions and on public policy, including such topics as welfare, social security, education and training, safety and health, job security, and immigration. Students will be required to write a research paper. Limited to economics majors who have completed 90 hours and have a cumulative GPA of 2.8. For students who do not meet this requirement, the Department will grant entry on a space available basis on the first day of class. Permission to enroll will be granted by Lynda McCullough, Undergraduate Economics Advisor, Tydings 3115G, or by the instructor.

DEPARTMENT OF ENGINEERING SCIENCE

ENES 389E — EATABLE THERMODYNAMICS. (TuTh 2:00-3:15, 3 cr.) **OPEN TO FRESHMAN.** Especially designed for students who have a fear or prejudice against science and technology but have a desire to increase their technical literacy. Using everyday examples from the non-threatening laboratory space known as a kitchen, Professor/Chef Dr. Regan will help the student realize that the laws of thermodynamics and transport phenomena govern the world around them. All of the examples and homework case studies will use food preparation and storage as the system. Support systems will include the stove, refrigerator, freezer and ordinary home appliances. The student will learn to ask and answer "why" as the first step to becoming a self-confident educated technically literate individual. No prerequisites.

DEPARTMENT OF CHEMICAL AND NUCLEAR ENGINEERING

ENNU 215 — INTRODUCTION TO NUCLEAR TECHNOLOGY. In the face of the environmental issues connected with the "Greenhouse Effect" and Acid-Rain, nuclear powered electric generating stations are increasingly attactive. This introductory course deals with basic theory and descriptions of nuclear reactors with the properties of nuclear isotopes.

FOREIGN LANGUAGE

FOLA 408T — ADVANCED TRANSLATION WITH EMPHASIS ON FOREIGN AFFAIRS. Prerequisite: French 301 or equivalent. This course is designed to sharpen translation skills and to equip students with translation techniques and vocabulary of international negotiations, using a micro-computer as an aid. A second phase entails a computer simulation of a series of internatinoal negotiations conducted by political science students and during which the FOLA 408T students serve as translators. Dr. Carol Mossman.

FOOD

FOOD 210 — SCIENTIFIC PRINCIPLES OF FOOD PREPARATION AND MANAGEMENT. Prerequisite: NUTR 100 or FOOD 110. Gain a fundamental knowledge of food and its preparation. Relate composition, structure, and other properties of food to chemical reactions, physical processes, and the changes that may occur in foods in response to various treatments. Become familiar with the basic objectives and techniques of meal management.

DEPARTMENT OF FRENCH

FREN 203H. Not a section of 203, but a separate course designed for students who want to work more in depth. Geared to the highly motivated student, the class will focus on French literature and culture through reading of literary text selections and articles from current French periodicals. Also includes grammar review. Dr. Barbara Jacoby.

FOODSERVICE ADMINISTRATION

FSAD 200 — INTRODUCTION TO FOODSERVICE. Foodservice is one of the largest businesses in the United States. Learn about management opportunities in the foodservice industry, future trends in foodservice, and types of foodservice employment.

DEPARTMENT OF GOVERNMENT AND POLITICS

GVPT 429A — PROBLEMS IN POLITICAL BEHAVIOR AND
GVPT 838 — TOPICS IN FORMAL POLITICAL THEORY. Students will get a chance to test hypotheses of their own using real social science experience in this new and innovative course. Students (working in teams) will design and run the experiments using software which has two main areas of application: voting theory (also known as collective choice theory) and collective action (also known as game theory) type problems. The substance of the course is four-fold: 1. Students will learn some theory and some of the applications of the theory in one of the two areas of concentration; 2. Students will learn how to formulate their ideas about what is wrong with the theory as testable hypotheses; 3. Students will learn how to design and conduct experiments to test these hypotheses; and 4. Students will learn how to interpret the statistical results of their experiment to see whether the hypothesis was supported by the data. Prerequisites: Some knowledge of how to use an IBM compatible computer, i.e., copy files, format disks, etc. GVPT 838 requires GVPT 622 or another statistics course and some knowledge of game theory or social choice theory (any one course in the area is enough).

GVPT 889E — METHODOLOGY AND SOVIET POLITICAL ANALYSIS. This course will review the major schools of Soviet political analysis that have developed from the 1950s, including: the totalitarian model, classic Kreminology, bureaucratic interest group models, the rational actor model, and perceptions/context studies. Students will prepare papers and class presentations on the discrete political topics employing the techniques used in one or more of these analytical models.

DEPARTMENT OF HORTICULTURE

HORT 100 — INTRODUCTION TO HORTICULTURE. (3) An introduction to the art and science of identifying, propagating and growing plants in and around the home. Designed to help non-horticulture majors enjoy gardening and the benefits it offers.

HORT 386 & HORT 387 — EXPERIENTIAL LEARNING. (2-6) An opportunity to receive credit for hands-on training in the art and science of horticulture and landscape design. Requires 8 to 24 hours of work per week under qualified supervision in an approved facility.

DEPARTMENT OF ITALIAN

ITAL 370 — ITALIAN CIVILIATION (In English) This course, using an interdisciplinary approach, surveys the political, intellectual, literary, and artistic forces that have shaped contemporary Italy, from the Middle Ages to the present. It offers a brief but comprehensive view of each century through the study of prominent literary figures representative of each period. Dr. Giuseppe Falvo.

DEPARTMENT OF LINGUISTICS

LING 200 — INTRODUCTORY LINGUISTICS. (3) Ways of studying human language; basic concepts of modern linguistic analysis (sound systems, word formation, syntax, meaning). The nature of human language; the social aspects of language; language change; dialects; writing systems; language universals; etc.

LING 240 — LANGUAGE AND MIND. (3) The study of langugaes as a cognitive phenomenon. Ways of representing people's knowledge of their native language, ways in which that knowledge is attained naturally by children, and how it is used in speaking and listening. Relevant philosophical literature. Relationship to study of other cognitive abilities: reasoning, perception, sensory-motor development.

DEPARTMENT OF METEOROLOGY

METO 625 — SATELLITE METEOROLOGY. An advanced look at the problem of inferring atmospheric variables, such as temperature, humidity, and trace gases, using multispectral radiation measurements collected by meteorological satellites. The discussion focuses on the direct problem of understanding the nature of the upwelling infra-red and microwave radiation emitted by the earth-atmosphere system, and the inverse problem of inferring earth-atmosphere system structure which produces the measured radiation data. Professor Owen Thompson, Tu-Th 12:15-1:30 p.m.

METO/CHEM 637 — ATMOSPHERIC CHEMISTRY. This course will contain an expanded chemistry component including experimental techniques in gas-phase kinetics and photochemistry and will be cross-listed with Chemistry for the first time in 1990. Investigations of the global cycle of C, H, N and Si; Global Climate Change. Prerequisite: CHEM 481 or METO 620. Professor Russell Dickerson, Tu-Th 2:00-3:15 p.m.

METO 658R — AIR-SEA INTERACTION. Observations of the seasonal changes in the ocean circulation and temperature, and interactions with the atmosphere. Equations of motion and theories of wind-driven circulation. Mixed layer observations and theories. Surface fluxes. Seasonal budgets of energy, momentum, fresh water, and heat. Equatorial waves. El Nino/Southern Oscillation. Interannual variability and atmosphere-ocean coupling. Prerequisite: MATH 462. Professor James Carton.

DEPARTMENT OF MUSIC

MUSC 130 — SURVEY OF MUSIC LITERATURE. (3). Satisfies USP-C requirement. Open to all students except music and music education majors. A study of the principles upon which music is based, and an introduction to the musical repertoires performed in America today. MWF 9:00, Staff; MWF 10:00, Prof. Eugene W. Troth.

MUSC 340 — MUSIC LITERATURE SURVEY I. (3). Satisfies Advance Studies: Development of Knowledge requirement. Open to all students except music and music education majors. Masterpieces of the symphonic and operatic repertory, including works by Bach, Mozart, Beethoven, Brahms, Wagner, Verdi, and Debussy. Prerequisite: MUSC 130 or the equivalent. TuTh 2:00-4:00, Prof. Eugene W. Troth.

MUSC 341 — MUSIC LITERATURE SURVEY II. (3). Satisfies Advance Studies: Development of Knowledge requirement. Open to all students except music and music education majors. Less well-known masterpieces of the symphonic and operatic repertory, including works by Bach, Mozart, Beethoven, Brahms, Wagner, Verdi, Debussy, and others. Prerequisite: MUSC 130 or equivalent. MWF 1:00, Prof. Shelly G. Davis.

MUSC 433 — MUSIC IN WORLD CULTURES II. (3). Musics of the Balkans, Africa, and South and North America analyzed in terms of musical, social, and aesthetic approaches. Prerequisite: MUSC 130 or permission of instructor. Tu 3:30-6:00, Prof. Carol E. Robertson.

MUSC 436 — JAZZ: THEN AND NOW. (3). A history of Jazz from its origins to the present, including major styles and influential artists. MW 2:00-3:15, Prof. Richard Wexler.

MUSC 438 — AREA STUDIES IN ENTHNOMUSICOLOGY. (3). Advanced study of musics of the African continent analyzed in terms of musical, social, and aesthetic approaches. Prerequisite: MUSC 130 or permission of instructor. Th 3:30-6:00, Prof. Carol E. Robertson.

NATURAL RESOURCES MANAGEMENT PROGRAM

NRMT 461 — URBAN WILDLIFE MANAGEMENT. (3). A new field of wildlife management has evolved in response to the increased land development in Maryland. Urban wildlife management deals with the stress imposed by society on wildlife, many of which become either nuisances or are faced with extinction. This course will focus on ecology and management of wildlife in urban and urbanizing areas. It is designed for students in Natural Resources Management, General Biological Sciences, Geography, Landscape Design, Recreation, and Urban Studies. Principles and management approaches are emphasized, along with the effects of urbanization on wildlife and the response of wildlife to habitat development in the metropolitan environment. Planning, design, policy and wildlife conservation are integrated into a discussion of landscape ecology. Two lectures per week and two Saturday field trips are scheduled.

DEPARTMENT OF PHYSICS

PHYS 102 — PHYSICS OF MUSIC (3) (Dr. Dieter Brill). Sound, acoustics, the ear, reproduction, synthesizers, musical instruments. Elementary knowledge of music notation required; no prerequisites. Together with PHYS 103, satisfies USP laboratory science requirement.

PHYS 103 — PHYSICS OF MUSIC LABORATORY (1) (Dr. Richard Berg). Pre- or co-requisite: PHYS 102 or 499C. Laboratory to accompany PHYS 102 or 499C.

PHYS 106 — LIGHT, PERCEPTION, PHOTOGRAPHY AND VISUAL PHENOMENA (3) (Dr. George Snow). Lenses, cameras, holography, physics of the eye, color vision, art and illustrations. No math. Together with PHYS 107, satisfies USP laboratory science requirement.

PHYS 107 — LIGHT, PERCEPTION, PHOTOGRAPHY AND VISUAL PHENOMENA LABORATORY (1) (Dr. George Snow). Pre- or co-requisite: PHYS 106. Optical laboratory to accompany PHYS 106. Experiments include geometrical optics, optical instruments, perception, color phenomena and wave phenomena.

PHYS 112 — PHYSICS IN THE MODERN WORLD (3) (Dr. David Falk). The second semester of a survey course in general physics emphasizing the role that physics plays in science, technology, and society today. The course is concept-oriented, and minimal use of mathematics is made. Intended for the general student; does not satisfy the requirements of the professional schools.

PHYS 117 — INTRODUCTION TO PHYSICS (4) (Dr. Douglas Hamilton). One-semester survey course with laboratory intended primarily for non-science majors or science majors with little background in physics. Possible topics include Newton's laws of motion, energy, electricity and magnetism, light and optics, relativity, nuclear physics and elementary particles. Presented from the perspective of what every congressman and congresswoman should know about science and the natural world.

PHYS 499C — SPECIAL PROBLEMS IN PHYSICS: PHYSICS OF MUSIC (3). Similar to PHYS 102, but requires (non-science) back ground in some aspect of music production.

DEPARTMENT OF RECREATION

RECR 130 — RECREATION AND LEISURE (3) (USP D). Introductory course surveys social and psychological aspects of leisure behavior on societal and personal levels. Critical concepts like socialization, attitudes, motivation and perception are discussed. How does leisure fit into *your* life?

RECR 150 — CAMP COUNSELING. (2) Learn critical program activities for residential and day camps to keep the "brat pack" in line. Field observations and practical required. Lab fee.

RECR 270 — LEISURE SERVICES AND SPECIAL POPULATIONS (3). Focus on leisure needs of those with disabling conditions. Explore philosophical and practical aspects of providing leisure services for these groups.

RECR 335— RECREATION AND LEISURE II. (3 cr.) Directed toward upper division students, this course focuses on personal assessment of leisure in one's life with the goal of developing approaches to achieve both short and long term wellness.

RECR 351 — NATURE INTERPRETATION (3). Creative approaches to incorporating nature programs into leisure service delivery. Interpretive talks, walks and star gazing programs that can be adapted to a variety of age groups and settings

RECR 426 — INDUSTRIAL EMPLOYEE RECREATION. (3) Leisure services in the workplace? You bet! Find out how businesses are capitalizing on recreation activities to encourage wellness among employees and reduce health care costs. Philosophical, program, and legal issues are covered.

RECR 454 — OUTDOOR EDUCATION. (3) In depth analysis on leisure-centered programs to make citizens aware of environmental issues. Program approaches incorporate hands-on experiences and curriculum development.

RECR 489A — GERONTOLOGY WORKSHOP. (3) Course provides application of theoretical approaches to providing leisure services for the aged. Work directly with elders in community-based and institutional settings developing and analyzing program delivery.

RECR 497 — RECREATION RESOURCE AND FACILITY PLANNING II (3 Cr.) Analytical techniques can be used to design recreation facilities. Social and physical carrying capacity and various economic models are used to predict user patterns and facility design. Individual projects required.

RECR 613 — QUALITATIVE METHODS IN LEISURE RESEARCH (3 Cr.) Qualitative techniques to assist in answering research questions is the focus of this course. In-depth interviewing, participant-observer and other qualitative data collection and hypotheses generating techniques are covered. Particularly useful in follow-up studies to survey research.

DEPARTMENT OF SOCIOLOGY

SOCY 404 — METHODS OF QUANTATIVE ANALYSIS. This course will be of value to students who wish to develop a competence in quantitative analysis as a marketable skill, and to both undergraduate and graduate students who wish to develop many of the skills necessary to do quantitative research for required research papers, theses and dissertations. The course objective is to provide the student both a knowledge of data analysis (statistical) techniques, and experience in using statistical packages in data analysis. The primary statistical package that will be used is SPSS-X, and the statistical techniques to be covered will be those included in this package. The treatment of the statistics will, essentially, be non-mathematical. The course will be oriented toward understanding how data analysis problems guide the selection of appropriate statistics, and understanding what interpretations of the various statistics are appropriate. Students taking the course should have an introductory statistics course such as SOCY 201 or PSYC 200, and an introductory research methods course such as SOCY 202. No prior experience with computers is expected.

SOCY 457 — SOCIOLOGY OF LAW. What factors shape the nature of law and order in society? For example, why do Americans seem to sue each other so often? Why do Japanese seem to avoid law, lawyers, and lawsuits? This course explores where legal norms come from. It deals with criminal law to some extent, but focuses mainly on settlement of disputes in civil law and in everyday life. The course will be broadly interdisciplinary, and will be relevant for students in such fields as psychology, political science, and anthropology as well as sociology and criminal justice.

SOCY 498M/759 — MILITARY FAMILIES. This course will examine the relationships between work organization and the family in the military and in other occupations which are similar to the military in some important ways (e.g., high stress because of the potentially violent nature of the work; frequent geographic mobility; family separation). Dr. Segal has just returned from West Point where she was a visiting professor teaching Marriage and the Family. The course is opened to upper level undergraduates and graduate students. Recommended preparation includes course work on either the family or the military.

INSTITUTE FOR URBAN STUDIES

URBS 410 — THE DEVELOPMENT OF THE AMERICAN CITY. History of American city planning. Analysis of the development of contemporary physical and social planning as responses to changing urban problems, political interests, and planning technologies.

URBS 660 — FUNCTION AND STRUCTURE OF METROPOLITAN AREAS. Theoretical and historical examination of basic urban functions. Intra-metropolitan location of activities. Role of metropolitan planning in a market economy. Examination of cases of metropolitan planning to assess alternative strategies for future metropolitan development.

URBS 688E — HUMAN BEHAVIOR AND THE PHYSICAL ENVIRONMENT. Focuses on interrelationships between people and the physical setting in which they live and work. Emphasis is placed on the man-made environment and on ways that this environment changes and is changed by the behavior of individuals and social groups. Material is drawn from a number of disciplines including sociology, anthropology, psychology, planning and design.

URBS 691 — PLANNING AND POLITICS. Who has power over planning decisions? How can planners use their knowledge to influence decisions? Analysis of politics of planning, with a special interest in planners' influence — what it has been and what it could be. Case studies of planning decisions are used to identify the actors who have been influential and their skills, resources, and strategies. Course looks at planners' thinking about politics — what they believe and how they are prepared to act. Social psychological studies of planners and used to identify reasons why some planners have been politically effective and others have not. Strategies for improving planners' political effectiveness.

WOMEN STUDIES PROGRAM

WMST 498D — WOMEN OF THE AFRICAN DIASPORA. An exploration of the lives, experiences and cultures of women of the African diaspora. We focus on Africa, African-America, the Caribbean and Afro-Latin America using a multi-disciplinary perspective. Prof. Lynn Bolles.

DEPARTMENT OF ZOOLOGY

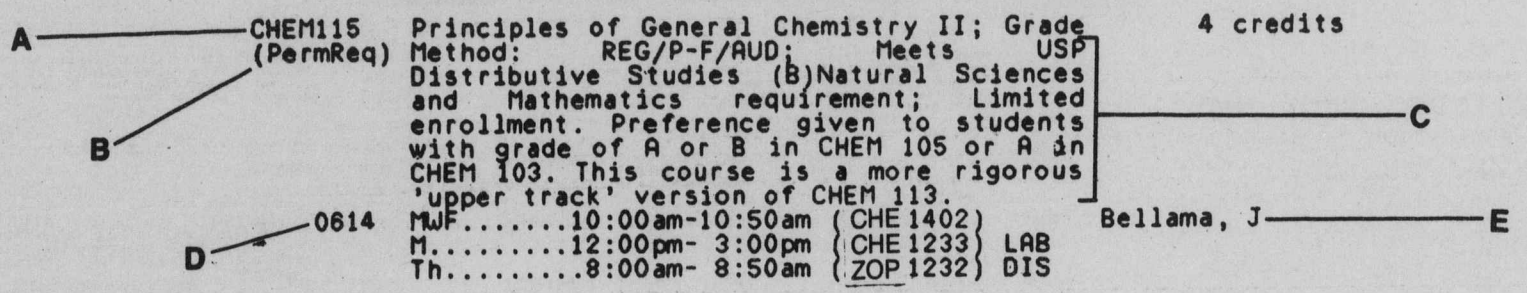
ZOOL 328P (undergraduate) ZOOL 708P (graduate) — EXPERIMENTAL MARINE AND FRESHWATER ECOLOGY. This course will examine current concepts central to understanding oceanic, estuarine and inland waters. Five or six selected topics will be explored in depth. We will particularly focus on the role that experimentation has played in this field and how this field has contributed to ecological theory in general. Topics will be examined using historical perspectives and current problems. Lecture and discussion format.

ZOOL 328N (undergraduate) ZOOL 708N (graduate) — NEUROETHOLOGY. An introduction to the neural basis of behavior. The major theme will be how the nervous system affects and controls behavior. The course will start with basic concepts of nervous system function and continue with developing a conceptual understanding of how behavior is controlled, using examples from both vertebrates and invertebrates.

FEBRUARY 2nd IS THE LAST DAY TO:

- ADD A COURSE
- DROP A COURSE
  (WITHOUT A "W")
- CHANGE CREDIT LEVEL
- CHANGE GRADING OPTION
- APPLY FOR A
  MAY 1990 DIPLOMA
- PROCESS A LATE REGISTRATION

HOW TO READ COURSE LISTINGS



A. Course number, title and credits.

B. Permission required — indicates course is restricted. Students planning to request restricted courses must go to the department offering the course for authorization. Students should be sure they have a department authorization stamp, on their Schedule Request Form, prior to their registration appointment.

C. Course information — outlines information such as grading methods, prerequisites, if course meets USP requirement, special requirements, and notes.

D. Section number — The first line of information next to the section number usually refers to the meeting time and room location (room location is indicated in parentheses) for the lecture segment of the course. Laboratory (LAB) and discussion (DIS) meeting times and locations are shown on the second and third lines when applicable.

E. Instructor

AASP Afro-American Studies (Behavior & Social Sci)

AASP100 Introduction to Afro-American Studies; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits

0101	MW.....12:00pm-12:50pm (LEF 2205)	Smead, H
	F.....10:00am-10:50am (SYM 2109) DIS	
0102	MW.....12:00pm-12:50pm (LEF 2205)	Smead, H
	F.....10:00am-10:50am (ASY 3217) DIS	
0103	MW.....12:00pm-12:50pm (LEF 2205)	Smead, H
	F.....11:00am-11:50am (ASY 3217) DIS	
0104	MW.....12:00pm-12:50pm (LEF 2205)	Smead, H
	F.....11:00am-11:50am (SYM 2109) DIS	
0105	MW.....12:00pm-12:50pm (LEF 2205)	Smead, H
	F.....12:00pm-12:50pm (SYM 1308) DIS	
0106	MW.....12:00pm-12:50pm (LEF 2205)	Smead, H
	F.....12:00pm-12:50pm (ASY 3217) DIS	

AASP101 Public Policy and the Black Community; Grade Method: REG/P-F/AUD; Formerly AASP 300 — 3 credits

0101	Tu.....7:00pm- 9:45pm (WDS 0104)	May, C

AASP200 African Civilization; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits

0101	TuTh.....9:30am-10:45am (JMZ 2123)	Contee, M

AASP202 Black Culture in the United States; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits

0101	MW.....10:00am-10:50am (SHM 2101)	Harley, S
	F.....10:00am-10:50am (ZOP 1232) DIS	
0102	MW.....10:00am-10:50am (SHM 2101)	Harley, S
	F.....10:00am-10:50am (ZOP 1238) DIS	
0103	MW.....10:00am-10:50am (SHM 2101)	Harley, S
	F.....11:00am-11:50am (ZOP 1232) DIS	
0104	MW.....10:00am-10:50am (SHM 2101)	Harley, S
	F.....11:00am-11:50am (ZOP 2283) DIS	
0105	MW.....10:00am-10:50am (SHM 2101)	Harley, S
	F.....12:00pm-12:50pm (ZOP 1232) DIS	
0106	MW.....10:00am-10:50am (SHM 2101)	Harley, S
	F.....12:00pm-12:50pm (ZOP 1228) DIS	

AASP298S Special Topics in Afro-American Studies: The Age of Segregation: Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....9:30am-10:45am (ASY 3221)	Smead, H

AASP298U Special Topics in Afro-American Studies: Jazz as a Cultural Art Form; Grade Method: REG/P-F/AUD; — 3 credits

0101	M.....1:00pm- 3:40pm (SDH 3123)	Williams, J

AASP301 Applied Policy Analysis and the Black Community; Grade Method: REG/P-F/AUD; Prerequisite: AASP 101. Recommended: one semester of statistics. — 3 credits

0101	M.....5:00pm- 7:30pm (LEF 1201)	Cornelius, L

AASP303 Computer Applications in Afro-American Studies; Grade Method: REG/P-F/AUD; Prerequisite: STAT 100 or SOCY 201 or MATH 111 or equivalent. — 3 credits

0101	M.....2:00pm- 4:30pm (LEF 1222)	Chan, T

AASP312 Social and Cultural Effects of Colonization and Racism; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....9:30am-10:45am (LEF 1222)	Williams, R

AASP386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; — 3 credits

0101	Time and room to be arranged	Sabol, W

AASP387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; — 3 credits

0101	Time and room to be arranged	Sabol, W

AASP397 (PermReq) Senior Thesis; Grade Method: REG/P-F/AUD; Prerequisites: AASP 305; and permission of department. — 3 credits

0101	F.....12:00pm- 2:40pm (LEF 2169)	Myers, S

AASP400 (PermReq) Directed Readings in Afro-American Studies; Grade Method: REG/P-F/AUD; — 3 credits

0101	Time and room to be arranged	STAFF

AASP402 Classic Readings in Afro-American Studies; Grade Method: REG/P-F/AUD; — 3 credits

0101	M.....2:00pm- 4:30pm (ARM 0119)	Harley, S

AASP410 Contemporary African Ideologies; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....2:00pm- 3:15pm (LEF 1220)	Ammons, L

AASP411 Black Resistance Movements; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....11:00am-12:15pm (LEF 1220)	Smead, H

AASP497 Policy Seminar in Afro-American Studies; Grade Method: REG/P-F/AUD; Prerequisite: AASP 301 or permission of department. — 3 credits

0101	Th.....2:00pm- 4:30pm (JRN 1104)	Lashley, M

AASP498W Special Topics in Black Culture: Black Women Writers; Grade Method: REG/P-F/AUD; — 3 credits

0101	W.....2:00pm- 4:30pm (JMZ 2206)	Jackson, M

AASP499Q Advanced Topics in Public Policy and the Black Community: Public Organizations Seminar; Grade Method: REG/P-F/AUD; — 3 credits

0101	W.....2:00pm- 4:30pm (JMZ 0125)	Lashley, M

AASP499U Advanced Topics in Public Policy and the Black Community: Housing Policy and the Black Community; Grade Method: REG/P-F/AUD; — 3 credits

0101	Th.....7:00pm- 9:30pm (LEF 1201)	Felder, M

AEED Agricultural and Extension Education (Agriculture)

AEED323 Developing Youth Programs; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits

0101	TuTh.....9:30am-10:45am (SYM 0200)	Miller, M

AEED389A (PermReq) Selected Topics: Agricultural Leadership Development; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AEED389B (PermReq) Selected Topics: Advanced Leadership Procedures; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AEED464 Rural Life in Modern Society; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....2:00pm- 3:15pm (SYM 0115)	Longest, J

AEED466 Rural Poverty in an Affluent Society; Grade Method: REG/P-F/AUD; — 3 credits

0101	M.....5:30pm- 8:10pm (SYM 0115)	Ross, P

AEED489 (PermReq) Field Experience; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

AEED489A (PermReq) Field Experience: Early Career Teachers Course; Grade Method: REG; — 3 credits

0101	Time and room to be arranged	Cooper, E

AEED489M (PermReq) Field Experience: Management, Communications and Leadership; Grade Method: REG; — 3 credits

0101	TuTh.....11:00am-12:15pm (SYM 0115)	Miller, M

AEED499 (PermReq) Special Problems; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AEED627 Program Evaluation in Adult and Continuing Education; Grade Method: REG/AUD; Prerequisite: AEED 626 or permission of department. — 3 credits

0101	Tu.....7:00pm- 9:40pm (SYM 0115)	Smith, M

AEED630 Teaching-Learning in Adult and Continuing Education; Grade Method: REG/AUD; — 3 credits

0101	Tu.....4:15pm- 7:00pm (ASY 3221)	Robertson-Tchab

AEED699 (PermReq) Special Problems; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AEED789M Special Topics: Adult and Extension Program Management; Grade Method: REG; — 3 credits

0101	W.....7:00pm- 9:40pm (SYM 0224)	Rivera, W

AEED789R Special Topics. Supervised Occupational Experience Programs in Agriculture; Grade Method: REG/AUD; — 3 credits

0101	W.....6:00pm- 8:40pm (SYM 0115)	Cooper, E

AEED789Z Special Topics: Policy Development in Extension/Adult Education: Grade Method: REG; — 3 credits

0101	M.....7:00pm 9:40pm (SYM 0224)	Rivera, W

AEED799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

AEED888 (PermReq) Apprenticeship in Education; Grade Method: REG; — 1-8 credits

0601	Time and room to be arranged	Miller, M

AEED889 (PermReq) Internship in Education; Grade Method: REG; — 3-8 credits

0101	Time and room to be arranged	Miller, M

AEED899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

AGRO Agronomy (Agriculture)

AGR0303 International Crop Production; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: BIOL 105 or equivalent. — 3 credits

0101	MWF.....9:00am- 9:50am (HJP 1104)	Sammons, D

AGR0308 Field Soil Morphology; Grade Method: REG/P-F/AUD; — 1-2 credits

0101	Time and room to be arranged	Rabenhorst, M

AGR0386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AGR0387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AGR0401 Pest Management Strategies for Turfgrass; Grade Method: REG/P-F/AUD; Prerequisite: AGRO 305. — 3 credits

0101	TuTh.....1:00pm- 3:00pm (HJP 1104)	Dernoeden, P

AGR0407 Cereal and Oil Crops; Grade Method: REG/P-F/AUD; Pre- or corequisites: BIOL 105 and AGRO 100. — 3 credits

0101	MWF.....2:00pm- 2:50pm (HJP 1104)	STAFF

AGR0411 Principles of Soil Fertility; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....11:00am-11:50am (HJP 1104)	Weil, R

AGR0421 Soil Chemistry; Grade Method: REG/P-F/AUD; Prerequisite: AGRO 302. — 4 credits

0101	TuTh.....8:45am-10:00am (HJP 1104)	James, B
	Tu.....1:00pm- 4:00pm (HJP 0120) LAB	

AGR0422 Soil Microbiology; Grade Method: REG/P-F/AUD; Prerequisite: AGRO 302, CHEM 104 or permission of department. — 3 credits

0101	MF.....1:00pm- 1:50pm (HJP 2242)	Angle, J
	W.....1:00pm- 4:00pm (HJP 0210) LAB	

AGR0441	Sustainable Agriculture, Grade Method: REG/P-F/AUD;	3 credits
0101	MWF..... .1:00pm- 1:50pm (HJP .104)	Weil, R
AGR0451	Crop Culture and Development, Grade Method: REG/P-F/AUD; Pre or corequisite: BOTN 441.	3 credits
0101	MWF..... 3:00pm- 3:50pm (HJP 1104)	Slaughter, L
AGR0499 (PermReq)	Special Problems in Agronomy; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.	1-3 credits
AGR0602	Advanced Crop Breeding II; Grade Method: REG/AUD; Prerequisites: AGRO 601 and a graduate statistics course.	2 credits
0101	TuTh.....11:00am-11:50am (HJP 1104)	Aycock Jr, M
AGR0608 (PermReq)	Research Methods; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.	1-4 credits
AGR0608T (PermReq)	Research Methods: Advanced Teaching Methods in Agronomy; Grade Method: REG/AUD;	1-4 credits
0101	Time and room to be arranged DIS	Weil, R
AGR0798	Agronomy Seminar; Grade Method: REG/AUD; Instructors are Hill and Slaughter.	1 credit
0101	M.....4:00pm- 5:00pm (HJP 1104)	Hill, R
AGR0799	Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. A total of six hours required for thesis option for M.S. degree.	1-6 credits
AGR0804	Design and Analysis of Crop Research; Grade Method: REG/AUD; Prerequisite: BIOM 401.	3 credits
0101	TuTh.....2:00pm- 2:50pm (HJP 2242) Th.....3:00pm- 3:50pm (HJP 1104) LAB	McIntosh, M
AGR0805	Factors Affecting Crop Yields; Grade Method: REG/AUD; Prerequisites: BOTN 441 or BOTN 641; plus advanced training in plant sciences.	2 credits
0101	MW.....2:00pm- 2:50pm (HJP 0103)	Mulchi, C
AGR0806	Herbicide Chemistry and Physiology; Grade Method: REG/AUD; Prerequisites: AGRO 453 and CHEM 104.	2 credits
0101	TuTh.....10:00am-10:50am (HJP 1104)	Glenn, D
AGR0832	Advanced Soil Physics; Grade Method: REG/AUD; Second semester, alternate years. (Offered 1973-74.) Prerequisites: AGRO 417; and permission of instructor and permission of department.	3 credits
0101	WF.....10:00am-10:50am (HJP 1104) Time and room to be arranged LAB	Hill, R
AGR0899	Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. A total of twelve hours required for Ph.D. degree.	1-8 credits

---

AMST American Studies (Arts and Humanities)

AMST201	Introduction to American Studies; Grade Method: REG/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement;	3 credits
0201	MWF.....10:00am-10:50am (TLF 2108)	Keating, A
0301	MWF.....11:00am-11:50am (TLF 2108)	Keating, A
0401	MWF.....12:00pm-12:50pm (TLF 2108)	Hogg, A
0501	MWF.....1:00pm- 1:50pm (TLF 2108)	Hogg, A
0701	TuTh.....11:00am-12:15pm (TLF 2108)	Metcalf, G
0801	TuTh.....9:30am-10:45am (TLF 2108)	Metcalf, G
0901	TuTh.....12:30pm- 1:45pm (TLF 2108)	Lawrence, P
1001	TuTh.....12:30pm- 1:45pm (TLF 2126)	Rogers, A
1201	TuTh.....2:00pm- 3:15pm (TLF 2103)	Rogers, A
1301	TuTh.....2:00pm- 3:15pm (WDS 1131)	Lawrence, P
AMST203	Popular Culture in America; Grade Method: REG/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;	3 credits
0101	TuTh.....9:30am-10:45am (TLF 2126)	Mintz, L
AMST205	Material Aspects of American Life; Grade Method: REG/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement;	3 credits
0101	TuTh.....11:00am-12:15pm (WDS 1131)	Lachin, T
AMST207	Contemporary American Cultures; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement;	3 credits
0101	MWF.....1:00pm- 1:50pm (TLF 2126)	Battenfeld, M
AMST298A	Selected Topics in American Studies: Popular Music; Grade Method: REG/P-F/AUD;	3 credits
0101	M.....7:00pm- 9:45pm (ARC 0204)	Keesing, H
AMST330	Critics of American Culture; Grade Method: REG/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: prior course in AMST, HIST, or SOCY.	3 credits
0101	TuTh.....11:00am-12:15pm (TLF 2110)	Lounsbury, M
AMST386 (PermReq)	Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.	1-3 credits
AMST387 (PermReq)	Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.	1-3 credits
AMST398 (PermReq)	Independent Studies; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.	1-3 credits
AMST418A	Cultural Themes in America: Humor and American Society; Grade Method: REG/P-F/AUD;	3 credits
0101	TuTh.....12:30pm- 1:45pm (TLF 2110)	Mintz, L
AMST418B	Cultural Themes in America: Culture and Mental Disorders in Modern America; Grade Method: REG/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement;	3 credits
0101	MWF.....10:00am-10:50am (TLF 2103)	Caughey, J
AMST418J	Cultural Themes in America: Women And The American Family; Grade Method: REG/P-F/AUD;	3 credits
0101	MWF.....9:00am- 9:50am (TLF 2108)	Borish, L
AMST429A	Perspectives on Popular Culture: Popular Literature; Grade Method: REG/AUD;	3 credits
0101	TuTh.....2:00pm- 3:15pm (TLF 2108)	Mintz, L
AMST618B	Introductory Seminar in American Studies; Grade Method: REG/AUD;	3 credits
0101	MW.....7:00pm- 8:30pm (TLF 2110)	Sies, M
AMST629B	Seminar in American Studies: Literature and Society; Grade Method: REG/AUD;	3 credits
0101	M.....4:00pm- 6:40pm (TLF 2110)	Kelly, R
AMST629I	Seminar in American Studies: Cultural and Mental Disorders; Grade Method: REG/AUD;	3 credits
0101	W.....4:00pm- 6:00pm (TLF 2110) Time and room to be arranged DIS	Caughey, J
AMST629M (PermReq)	Seminar in American Studies: Culture and Communications; Grade Method: REG/AUD;	3 credits
0101	Tu.....7:00pm- 9:40pm (TLF 2110)	Lounsbury, M
AMST639B (PermReq)	Reading Course in Selected Aspects of American Civilization: Decorative Arts in America; Grade Method: REG/AUD; Smithsonian course: Contact department for meeting location.	3 credits
0101	Tu.....1:00pm- 3:00pm (Arranged) Time and room to be arranged DIS	Carson, B
AMST639E	Reading Course in Selected Aspects of American Civilization: Technology, Labor and American Society; Grade Method: REG/AUD; Smithsonian course - contact department for exact location at George Washington University.	3 credits
0101	W.....4:00pm- 6:00pm (Arranged) Time and room to be arranged DIS	Kulik, G
AMST698 (PermReq)	Directed Readings in American Studies; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.	3 credits
AMST799	Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.	1-6 credits
AMST899	Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.	1-8 credits

---

ANSC Animal Science (Agriculture)

ANSC203	Feeds and Feeding; Grade Method: REG/P-F/AUD; Prerequisite: ANSC 101.	3 credits
0101	TuTh.....1:00pm- 1:50pm (ANS 1109) Th.....2:00pm- 4:00pm (ANS 1109) LAB	Erdman, R
ANSC212	Applied Animal Physiology; Grade Method: REG/P-F/AUD; Prerequisite: ANSC 211 or equivalent.	3 credits
0101	MWF.....1:00pm- 1:50pm (CHE 2108)	Alston-Mills, B
ANSC214	Applied Animal Physiology Laboratory; Grade Method: REG/P-F/AUD; Pre- or corequisite: ANSC 212.	1 credit
0101	M.....2:00pm- 5:00pm (ANS 1144) LAB	STAFF
0102	W.....2:00pm- 5:00pm (ANS 1144) LAB	STAFF
0103	Tu.....2:00pm- 5:00pm (ANS 1144) LAB	STAFF
ANSC242	Dairy Production; Grade Method: REG/P-F/AUD; Prerequisite: ANSC 101.	3 credits
0101	TuTh.....9:00am- 9:50am (CHM 0127) W.....2:00pm- 4:00pm (EPL 0101) LAB	Majeskie, J
0102	TuTh.....9:00am- 9:50am (CHM 0127) W.....10:00am-12:00pm (EPL 0101) LAB	Majeskie, J
ANSC244 (PermReq)	Dairy Cattle Type Appraisal; Grade Method: REG/P-F/AUD; Prerequisite: permission of department. Keep Saturdays open for occasional field trips. Freshmen by permission of instructor.	1 credit
0101	Tu.....2:00pm- 2:50pm (ANS 1109) LAB	STAFF
ANSC262	Commercial Poultry Management; Grade Method: REG/P-F/AUD; Prerequisite: ANSC 101.	3 credits
0101	MW.....10:00am-10:50am (JUL 1105) F.....10:00am-12:00pm (JUL 1105) LAB	Doerr, J
ANSC350	Ornithology; Grade Method: REG/P-F/AUD; Three mandatory field trips. Prerequisite: BIOL 105.	4 credits
0101	MWF.....9:00am- 9:50am (CHE 2118)	Kuenzel, W
0102	MWF.....9:00am- 9:50am (CHE 2118) Th.....1:00pm- 4:00pm (CHE 2140) LAB	Kuenzel, W
ANSC370	Animal Agriculture: Scientific and Cultural Perspectives; Grade Method: REG/P-F/AUD; Prerequisite: BIOL 105.	3 credits
0101	TuTh.....9:30am-10:45am (CHM 0122)	Young, E
ANSC386 (PermReq)	Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.	1-3 credits
ANSC387 (PermReq)	Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.	1-3 credits
ANSC398 (PermReq)	Seminar; Grade Method: REG/P-F/AUD;	1 credit
0101	M.....4:00pm- 4:50pm (ANS 1109)	Westhoff, D
ANSC399 (PermReq)	Special Problems in Animal Science; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.	1-2 credits
ANSC406	Environmental Physiology; Grade Method: REG;	3 credits
0101	MWF.....10:00am-10:50am (ANS 1144)	Stricklin, W
ANSC412	Introduction to Diseases of Animals; Grade Method: REG/P-F/AUD; Prerequisite: MICB 200 and BIOL 105.	3 credits
0101	TuTh.....2:00pm- 3:15pm (CHM 0115) ANSC 414 is now AGRI 314.	Penney, B
ANSC415	Parasitic Diseases of Domestic Animals; Grade Method: REG/P-F/AUD; Prerequisite: ANSC 412 or equivalent.	3 credits
0101	MW.....11:00am-11:50am (ANS 1144) Tu.....9:00am-11:00am (ANS 1144) LAB	Bradley, L
ANSC422	Meats; Grade Method: REG/P-F/AUD; Prerequisite: ANSC 221. Prerequisite: ANSC 221.	3 credits
0101	WF.....8:00am- 8:50am (JUL 1105) Th.....8:00am-11:00am (ANS 0119) LAB	Bailey, E
0102	WF.....8:00am- 8:50am (JUL 1105) Time and room to be arranged LAB	Bailey, E
ANSC424	Sheep Production; Grade Method: REG/P-F/AUD; Prerequisite: ANSC 221 and ANSC 203 or ANSC 401.	3 credits
0101	TuTh.....8:00am- 8:50am (ANS 1109) Th.....2:00pm- 5:00pm (CHM 2201) LAB	Barao, S
ANSC444	Analysis of Dairy Production Systems; Grade Method: REG/P-F/AUD; Prerequisites: ANSC 306 and ANSC 203.	3 credits
0101	MWF.....11:00am-11:50am (ANS 1109)	STAFF
ANSC452	Avian Physiology; Grade Method: REG/P-F/AUD; Prerequisite: a basic course in animal anatomy or physiology.	2 credits
0101	M.....12:00pm- 1:30pm (JUL 1105) W.....12:00pm- 1:30pm (ANS 1150) LAB	Kuenzel, W
ANSC462	Physiology of Hatchability; Grade Method: REG/P-F/AUD; Prerequisite: BIOL 105.	1 credit
0101	Th.....2:00pm- 4:00pm (JUL 1105)	Ottinger, M
ANSC612	Energy Nutrition; Grade Method: REG/AUD; Prerequisite: ANSC 401 or NUSC 450, and BCHM 461.	2 credits
0101	TuTh.....10:00am-10:50am (CHE 2140)	Erdman, R
ANSC660	Poultry Literature; Grade Method: REG/AUD;	1-4 credits
0101	Time and room to be arranged	Doerr, J
ANSC661	Physiology of Reproduction; Grade Method: REG/AUD;	3 credits
0101	F.....12:00pm- 3:00pm (ANS 1109)	Ottinger, M
ANSC677	Advanced Animal Adaptations to the Environment; Grade Method: REG; Prerequisite: ANSC 406 or permission of instructor.	2 credits
0101	MWF.....10:00am-10:50am (ANS 1109)	Stricklin, W
ANSC686	Veterinary Bacteriology and Mycology; Grade Method: REG/AUD; Prerequisite: ANSC 412.	3 credits
0101	TuTh.....2:00pm- 3:15pm (CHE 2120)	Marquardt, W
ANSC698A	Seminar: Recent Advances in Animal Science; Grade Method: REG/AUD;	1 credit
0101	W.....4:00pm- 4:50pm (ANS 1109)	Alston-Mills, B
ANSC698C	Seminar: Recent Advances - Poultry; Grade Method: REG/AUD;	1 credit
0101	M.....4:00pm- 4:50pm (ANS 3105)	Doerr, J
ANSC699 (PermReq)	Special Problems in Animal Science; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.	1-2 credits
ANSC799	Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.	1-6 credits
ANSC899	Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.	1-8 credits

---

ANTH Anthropology (Behavior & Social Sci)

ANTH101	Introduction to Anthropology: Archaeology and Physical Anthropology; Grade Method: REG; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement;	3 credits
0101	MWF.....11:00am-11:50am (JMZ 0220)	Seidel, J
0201	TuTh.....2:00pm- 3:15pm (SHM 2101)	Williams, A
ANTH102	Introduction to Anthropology: Cultural Anthropology and Linguistics; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;	3 credits
0101	TuTh.....11:00am-12:15pm (WDS 1114)	Chase, J
0201	MWF.....10:00am-10:50am (TLF 0124)	Eidson, J
ANTH102H (PermReq)	Introduction to Anthropology: Cultural Anthropology and Linguistics; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;	3 credits
0101	MWF.....10:00am-10:50am (TLF 0124)	Eidson, J
ANTH221	Man and Environment; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;	3 credits
0101	MWF.....12:00pm-12:50pm (WDS 1114)	Wali, A
ANTH241	Introduction to Archaeology; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;	3 credits
0101	TuTh.....12:30pm- 1:45pm (TLF 0124)	Leone, M
ANTH298B	Special Topics in Anthropology: The First Americans; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement;	3 credits
0101	TuTh.....9:30am-10:45am (WDS 1114)	Williams, A
ANTH371	Introduction to Linguistics; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement;	3 credits
0101	MWF.....11:00am-11:50am (WDS 1114)	Agar, M
ANTH389A (PermReq)	Research Problems; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.	1-6 credits
ANTH389E	Research Problems: Culture and Environment; Grade Method: REG; Prerequisite: ANTH 102 or permission of instructor.	3 credits
0101	MWF.....12:00pm-12:50pm (WDS 1114)	Wali, A
ANTH389L	Research Problems: Critical Linguistics; Grade Method: REG; Prerequisite: ANTH 371 or LING 200 or permission of instructor.	3 credits
0101	W.....1:00pm- 3:30pm (WDS 1127)	Agar, M
ANTH389N	Research Problems: Conflict and Ethnicity; Grade Method: REG; Prerequisite: ANTH 102 or 221 or permission of instructor.	3 credits
0101	TuTh.....12:30pm- 1:45pm (WDS 1114)	Gonzalez, N
ANTH389Q	Research Problems: Quantitive Methods in Anthropology; Grade Method: REG; Prerequisite: MATH 110 or equivalent or permission of instructor.	3 credits
0101	W.....6:00pm- 8:40pm (WDS 1131)	McDaniel, C
ANTH389S	Research Problems: Analysis and Interpretation in Historical Archaeology; Grade Method: REG; Prerequisite: ANTH 241,441, or 451 or permission of instructor.	3 credits
0101	M.....3:00pm- 5:30pm (WDS 1127)	Seidel, J
ANTH389X (PermReq)	Research Problems: Honors Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.	3 credits
ANTH389Y (PermReq)	Research Problems: Honor Thesis; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.	3 credits
ANTH401	Cultural Anthropology: Principles and Processes; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisites: ANTH 101, ANTH 102, or ANTH 221.	3 credits
0101	TuTh.....11:00am-12:15pm (ARC 1105)	Chambers, E
ANTH434	Religion of Primitive Peoples; Grade Method: REG; Prerequisites: ANTH 101 and ANTH 102.	3 credits
0101	TuTh.....2:00pm- 3:15pm (WDS 1114)	Stuart, W
ANTH451	Archaeology of the New World; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: ANTH 101 or ANTH 241.	3 credits
0101	TuTh.....9:30am-10:45am (ARM 0117)	Leone, M
0201	MWF.....2:00pm- 2:50pm (HJP 2242)	Little, B
ANTH498	Field Methods in Ethnology: Field Methods in Ethnologyse; Grade Method: REG; Prerequisite: ANTH 102 or 221 or permission of instructor.	3 credits
0101	TuTh.....3:30pm- 4:45pm (WDS 1131)	Gonzalez, N
ANTH607 (PermReq)	Methods of Cultural Analysis II; Grade Method: REG;	3 credits
0101	Th.....6:00pm- 8:40pm (WDS 1127)	Whitehead, T
ANTH620 (PermReq)	Strategies for Cultural Understanding; Grade Method: REG;	3 credits
0101	M.....6:00pm- 8:40pm (WDS 1127)	Chambers, E
ANTH630	Quantitative Approaches to Applied Anthropology; Grade Method: REG;	3 credits
0101	W.....6:00pm- 8:40pm (WDS 1131)	McDaniel, C
ANTH688	Current Developments in Anthropology; Grade Method: REG;	3 credits
0101	Time and room to be arranged	Stuart, W
ANTH689A (PermReq)	Special Problems in Anthropology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.	1-6 credits
ANTH689E	Special Problems in Anthropology: Culture and Environment; Grade Method: REG/AUD;	3 credits
0101	MWF.....12:00pm-12:50pm (WDS 1114)	Wali, A
ANTH689L	Special Problems in Anthropology: Critical Linguistics; Grade Method: REG; Prerequisite: LING 200 or ANTH 371 or permission of instructor.	3 credits
0101	W.....1:00pm- 3:30pm (WDS 1127)	Agar, M
ANTH689N	Special Problems in Anthropology: Conflict and Ethnicity; Grade Method: REG/AUD;	3 credits
0101	TuTh.....12:30pm- 1:45pm (WDS 1114)	Gonzalez, N
ANTH689R	Special Problems in Anthropology: Current Development in Anthropology: Religion and Cultural Change; Grade Method: REG;	3 credits
0101	TuTh.....2:00pm- 3:15pm (WDS 1114)	Stuart, W
ANTH689S	Special Problems in Anthropology: Analysis and Interpretation in Historical Archaeology; Grade Method: REG;	3 credits
0101	M.....3:00pm- 5:30pm (WDS 1127)	Seidel, J
ANTH701 (PermReq)	Internship Preparation; Grade Method: REG/AUD;	3 credits
0101	Tu.....6:00pm- 8:40pm (WDS 1127)	Wali, A
ANTH705 (PermReq)	Internship; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: ANTH 701.	6-12 credits
ANTH712 (PermReq)	Internship Analysis; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: ANTH 705.	3 credits

APDS Applied Design (Arts and Humanities)

APDS101 Fundamentals of Design; Grade Method: REG/P-F/AUD; For pre-design, design, fashion merchandising, textile marketing, apparel design and landscape design majors only. The major codes are: pre-design (1302X, 1302Y), design (1302A, 1302B, 1302C, 1302D), fashion merchandising (1303B), textile marketing (1303E), apparel design (1303A), landscape design (0108C). Attendance on the first day of classes is mandatory. — 3 credits

0101	F.....2:00pm- 3:40pm (MMH 1400)		Dean, S
	M.....2:00pm- 3:40pm (MMH 2411)	DIS	
0102	F.....2:00pm- 3:40pm (MMH 1400)		Dean, S
	M.....2:00pm- 3:40pm (MMH 2411)	DIS	
0103	F.....2:00pm- 3:40pm (MMH 1400)		Dean, S
	M.....2:00pm- 3:40pm (MMH 2415)	DIS	
0104	F.....2:00pm- 3:40pm (MMH 1400)		Dean, S
	M.....2:00pm- 3:40pm (MMH 2411)	DIS	
0105	F.....2:00pm- 3:40pm (MMH 1400)		Dean, S
	W.....2:00pm- 3:40pm (MMH 2411)	DIS	
0106	F.....2:00pm- 3:40pm (MMH 1400)		Dean, S
	W.....2:00pm- 3:40pm (MMH 2415)	DIS	
0107	F.....2:00pm- 3:40pm (MMH 1400)		Dean, S
	W.....2:00pm- 3:40pm (MMH 2415)	DIS	
0108	F.....2:00pm- 3:40pm (MMH 1400)		Dean, S
	W.....2:00pm- 3:40pm (MMH 2415)	DIS	

APDS102 Design II; Grade Method: REG/P-F/AUD; Prerequisite: APDS 101. For pre-design, advertising design, and interior design majors only. The major codes are: pre-design (1302X, 1302Y), advertising design (1302A), and interior design (1302B). Attendance on the first day of classes is mandatory. — 3 credits

0101	TuTh.....11:00am- 1:30pm (MMH 2411)	LAB	Eckersley, M
0102	TuTh.....11:00am- 1:30pm (MMH 2415)	LAB	Eckersley, M
0103	TuTh.....2:00pm- 4:30pm (MMH 2411)	LAB	Eckersley, M
0104	TuTh.....2:00pm- 4:30pm (MMH 2415)	LAB	Eckersley, M

APDS103 Design III: Three-Dimensional Design; Grade Method: REG/P-F/AUD; Pre- or corequisite: APDS 102. For pre-design, advertising design, and interior design majors only. The major codes are: pre-design (1302X, 1302Y), advertising design (1302A), and interior design 1302B). Attendance on the first day of classes is mandatory. — 3 credits

0101	MF.....8:30am-11:00am (MMH 2411)	LAB	Sham, F
0201	MF.....8:30am-11:00am (MMH 2415)	LAB	Sham, F
0301	W.....8:30am-11:00am (MMH 2411)	LAB	Sham, F
	F.....2:00pm- 4:30pm (MMH 2411)	LAB	
0401	W.....8:30am-11:00am (MMH 2415)	LAB	Sham, F
	F.....2:00pm- 4:30pm (MMH 2415)	LAB	

APDS104 Survey of Design History; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Attendance on the first day of classes is mandatory. — 3 credits

0101	MWF.....9:00am- 9:50am (MMH 1400)	McWhinnie, H

APDS210 Presentation Techniques I; Grade Method: REG; Prerequisites: EDIT 160; and APDS 103 or equivalent. For advertising design majors only. Attendance on the first day of classes is mandatory. Effective Fall 1990 APDS 210 and APDS 211 will be prerequisites for APDS 330. — 3 credits

0101	MW.....4:00pm- 6:30pm (MMH 2411)	LAB	Yang, J
0201	MWF.....11:00am-12:40pm (MMH 2415)	LAB	Ansell, J

APDS211 Action Drawing: Fashion Sketching; Grade Method: REG/P-F/AUD; Prerequisites: EDIT 160; and APDS 103. For advertising design majors only. Attendance on the first day of classes is mandatory. Effective Fall 1990 APDS 210 and APDS 211 will be prerequisites for APDS 330. — 3 credits

0101	MWF.....11:00am-12:40pm (MMH 2411)	LAB	Sham, F

APDS237 Photography; Grade Method: REG/P-F/AUD; Prerequisite: APDS 103. For advertising design majors only. Attendance on the first day of classes is mandatory. — 3 credits

0101	Tu.....2:30pm- 5:00pm (MMH 0110)		Jacobs, W
	Th.....3:00pm- 4:30pm (MMH 0110)		
	Time and room to be arranged LAB		

APDS320 Fashion Illustration; Grade Method: REG; Prerequisites: APDS 210; and APDS 211. For advertising design majors only. Attendance on the first day of classes is mandatory. — 3 credits

0101	Tu.....3:00pm- 4:00pm (MMH 1413)		Lozner, R
	Th.....1:00pm- 4:00pm (MMH 1413)	LAB	
0102	Tu.....3:00pm- 4:00pm (MMH 1413)		Lozner, R
	Th.....4:00pm- 7:00pm (MMH 1413)	LAB	

APDS330 Typography and Lettering; Grade Method: REG/P-F/AUD; Prerequisite: APDS 103. For advertising design majors only. Attendance on the first day of classes is mandatory. Effective Fall 1990 APDS 210 and APDS 211 will be prerequisites for APDS 330. — 3 credits

0101	F.....9:00am-10:00am (MMH 1413)		Davis, S
	M.....8:00am-11:00am (MMH 1413)	LAB	

APDS331 Advertising Layout; Grade Method: REG/P-F/AUD; Prerequisite: APDS 330. For advertising design majors only. Attendance on the first day of classes is mandatory. — 3 credits

0101	Th.....8:00am-11:00am (MMH 1413)		Cohen, E
	Tu.....8:00am- 9:00am (MMH 1413)	LAB	
	Time and room to be arranged LAB		
0201	Tu.....11:00am- 2:00pm (MMH 1413)		Cohen, E
	Th.....11:00am-12:00pm (MMH 1413)	LAB	
	Time and room to be arranged LAB		

APDS332 Display Design; Grade Method: REG/P-F/AUD; Prerequisite: APDS 330 or equivalent. For advertising design majors only. Attendance on the first day of classes is mandatory. — 3 credits

0101	M.....2:00pm- 3:30pm (MMH 0108)		Ansell, J
	W.....4:00pm- 7:00pm (MMH 1413)	LAB	
	Time and room to be arranged LAB		
0102	M.....2:00pm- 3:30pm (MMH 0108)		Ansell, J
	M.....4:00pm- 7:00pm (MMH 1413)	LAB	
	Time and room to be arranged LAB		

APDS337 Advanced Photography; Grade Method: REG/P-F/AUD; Prerequisite: APDS 237. For advertising design majors only. Attendance on the first day of classes is mandatory. — 3 credits

0101	Tu.....11:00am-12:00pm (MMH 0110)		Gips, C
	Th.....12:00pm- 3:00pm (MMH 0110)	LAB	
	Time and room to be arranged LAB		
0102	Tu.....11:00am-12:00pm (MMH 0110)		Gips, C
	Th.....5:00pm- 8:00pm (MMH 0110)	LAB	
	Time and room to be arranged LAB		

APDS380 (PermReq) Professional Seminar; Grade Method: REG/P-F/AUD; Prerequisite: permission of department. For advertising design majors only. Attendance on the first day of classes is mandatory. — 3 credits

0101	Th.....11:00am-12:00pm (MMH 3418)		Lozner, R
	Tu.....12:00pm- 2:30pm (MMH 0401)	LAB	

APDS386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Must be taken concurrently with APDS 387. Advertising design majors by portfolio review and acceptance only. — 1-3 credits

0101	Time and room to be arranged	STAFF
0201	Time and room to be arranged	Gips, C
0301	Time and room to be arranged	Lozner, R
0401	Time and room to be arranged	Ansell, J
0601	Time and room to be arranged	Thorpe, J
0701	Time and room to be arranged	Davis, S
0801	Time and room to be arranged	Jacobs, W
0901	Time and room to be arranged	Sham, F

APDS387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Advertising design majors only. Must be taken with APDS 386. Use same section number. — 1-3 credits

0101	M.....1:00pm- 1:50pm (MMH 2407A)	STAFF
0201	Time and room to be arranged	Gips, C
0301	Time and room to be arranged	Lozner, R
0401	Time and room to be arranged	Ansell, J
0601	Time and room to be arranged	Thorpe, J
0701	Time and room to be arranged	Davis, S
0801	Time and room to be arranged	Jacobs, W
0901	Time and room to be arranged	Sham, F

APDS430 Advanced Problems in Advertising Design; Grade Method: REG; Prerequisites: APDS 320; and APDS 331. For advertising design majors only. Attendance on the first day of classes is mandatory. — 3 credits

0101	M.....9:00am-10:00am (MMH 1108)		Thorpe, J
	F.....8:00am-11:00am (MMH 1108)	LAB	
0102	M.....9:00am-10:00am (MMH 1108)		Thorpe, J
	W.....8:00am-11:00am (MMH 1108)	LAB	

APDS431 Advanced Problems in Advertising Design; Grade Method: REG/P-F/AUD; Prerequisite: APDS 430. For advertising design majors only. Attendance on the first day of classes is mandatory. — 3 credits

0101	M.....12:00pm- 1:00pm (MMH 1413)		Davis, S
	W.....1:00pm- 4:00pm (MMH 1413)	LAB	
	Time and room to be arranged LAB		
0102	M.....12:00pm- 1:00pm (MMH 1413)		Davis, S
	M.....1:00pm- 4:00pm (MMH 1413)	LAB	
	Time and room to be arranged LAB		

APDS499A Individual Problems in Applied Design; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3-4 credits

APDS499D Individual Problems in Applied Design: Core; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3-4 credits

ARCH Architecture (Architecture)

ARCH170 Introduction to the Built Environment; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....11:00am-11:50am (ARC 0204)	Drost, U

ARCH221 History of Architecture II; Grade Method: REG/P-F/AUD; Prerequisite: ARCH 220 or permission of department. — 3 credits.

0101	TuTh.....9:30am-10:45am (ARC 0204)	Vann, R

ARCH242 Drawing I; Grade Method: REG/P-F/AUD; Architecture and pre-architecture majors only. Section 0104 is for Path B students only. — 2 credits

0101	M.....10:00am-10:50am (ARC 1101)		Gardner, A
	W.....9:00am-10:50am (ARC 1121)	LAB	
0102	M.....10:00am-10:50am (ARC 1101)		Gardner, A
	W.....12:00pm- 1:50pm (ARC 1121)	LAB	
0103	M.....10:00am-10:50am (ARC 1101)		Gardner, A
	F.....9:00am-10:50am (ARC 1121)	LAB	
0104	M.....10:00am-10:50am (ARC 1101)		Gardner, A
	Tu.....7:30pm- 9:20pm (ARC 1121)	LAB	

ARCH343 (PermReq) Drawing II: Line Drawing; Grade Method: REG/P-F/AUD; Prerequisite: ARCH 400 or permission of department. Majors only. — 2 credits

0101	MF.....11:00am- 1:00pm (ARC 1101)	Weiss, M

ARCH386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact David Fogle for information. — 1-3 credits

ARCH387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact David Fogle for information. — 1-3 credits

ARCH401 (PermReq) Architecture Studio II; Grade Method: REG/P-F/AUD; Prerequisite: ARCH 400 with a grade of C or better. For ARCH majors only. — 6 credits

0101	MWF.....2:00pm- 6:00pm (ARC 0101)	LAB	Kelly, B
	MWF.....2:00pm- 6:00pm (ARC 0204)	DIS	
0201	MWF.....2:00pm- 6:00pm (ARC 0101)	LAB	Masters, E
	MWF.....2:00pm- 6:00pm (ARC 0204)	DIS	
0301	MWF.....2:00pm- 6:00pm (ARC 0101)	LAB	Drost, U
	MWF.....2:00pm- 6:00pm (ARC 0204)	DIS	
0401	MWF.....2:00pm- 6:00pm (ARC 0101)	LAB	Gardner, A
	MWF.....2:00pm- 6:00pm (ARC 0204)	DIS	

ARCH403 (PermReq) Architecture Studio IV; Grade Method: REG/P-F/AUD; Prerequisite: ARCH 402 with a grade of C or better. For ARCH majors only. — 6 credits

0101	MWF.....2:00pm- 6:00pm (ARC 0101)	LAB	Bennett Jr., R
	MWF.....2:00pm- 6:00pm (ARC 1101)	DIS	
0201	MWF.....2:00pm- 6:00pm (ARC 1103)	LAB	Dupuy, K
	MWF.....2:00pm- 6:00pm (ARC 1105)	DIS	
0301	MWF.....2:00pm- 6:00pm (ARC 1103)	LAB	Bell, M
	MWF.....2:00pm- 6:00pm (ARC 1105)	DIS	
0401	MWF.....2:00pm- 6:00pm (ARC 0101)	LAB	Bechhoefer, W
	MWF.....2:00pm- 6:00pm (ARC 0204)	DIS	

ARCH408 (PermReq) Selected Topics in Architecture Studio: Architecture Studio Elective; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. ARCH majors only. Prerequisite: ARCH 403 or equivalent. Contact S. Sachs for information. — 3-6 credits

ARCH412 (PermReq) Architectural Structures II; Grade Method: REG/P-F/AUD; Prerequisite: ARCH 312, ARCH 400. For ARCH majors only. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (ARC 1101)	Loss, J

ARCH415 (PermReq) Environmental Control and Systems II; Grade Method: REG/P-F/AUD; Prerequisite: ARCH 313, ARCH 402. For ARCH majors only. — 3 credits

0101	TuTh.....11:00am-12:15pm (ARC 1101)	Thiratrakoolcha

ARCH418E (PermReq) Selected Topics in Architectural Science: Experimental Architecture; Grade Method: REG/P-F/AUD; — 3 credits

0101	Th.....3:30pm- 6:30pm (ARC 1121)	Loss, J

ARCH419 (PermReq) Independent Studies in Architectural Science; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact J. Loss for course information. — 1-4 credits

ARCH428A (PermReq) Selected Topics in Architectural History: The House; Grade Method: REG/P-F/AUD; — 3 credits

0101	M.....7:00pm-10:00pm (ARC 1103)	Bennett Jr., R

ARCH428C (PermReq) Selected Topics in Architectural History: Contemporary Architecture; Grade Method: REG/P-F/AUD; Majors only. — 1-3 credits

0101	M.....9:00am-10:50am (ARC 1105)	Schumacher, T
	W.....10:00am-10:50am (ARC 1105)	

ARCH429 (PermReq) Independent Studies in Architectural History; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact L. Vann for course information. Majors only. — 1-4 credits

ARCH433 (PermReq) History of Renaissance Architecture; Grade Method: REG/P-F/AUD; Prerequisite: ARCH 221 or permission of department. Qualifies as an Area A history course. Majors only. — 3 credits

0101	M.....9:00am-10:50am (ARC 1103)	Kelly, B
	W.....10:00am-10:50am (ARC 1101)	

ARCH445 (PermReq) Visual Analysis of Architecture; Grade Method: REG/P-F/AUD; Prerequisite: ARCH 401 and ARCH 343, or permission of department. Majors only. — 3 credits

0101	W.....9:00am- 9:50am (ARC 1103)		Bell, M
	F.....9:00am-10:50am (ARC 1103)	DIS	

ARCH449 (PermReq) Independent Studies in Visual Studies; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact Stephen Sachs for information. Majors only. — 1-4 credits

ARCH453 (PermReq) Urban Problems Seminar; Grade Method: REG/AUD; Prerequisite: permission of department. Majors only. — 3 credits

0101	TuTh.....3:30pm- 4:45pm (ARC 1123)	Fogle, D

ARCH459 (PermReq) Independent Studies in Urban Planning; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact D. Fogle for course information. — 1-4 credits

ARCH460 (PermReq) Site Analysis and Design; Grade Method: REG/P-F/AUD; Prerequisite: ARCH majors only or permission of department. — 3 credits

0101	M.....7:00pm-10:00pm (ASY 2203)	STAFF

ARCH472 (PermReq) Economic Determinants in Architecture; Grade Method: REG/P-F/AUD; — 3 credits

0101	Tu.....9:30am-11:00am (ARC 1127)	Hill, J
	F.....11:00am-12:00pm (ARC 1105)	

ARCH478B (PermReq) Selected Topics in Architecture: Landscape Seminar; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....11:00am-11:50am (ARC 1125)	Masters, E

ARCH478C (PermReq) Selected Topics in Architecture: Advanced Computer Applications; Grade Method: REG/P-F/AUD; — 3 credits

0101	M.....11:00am-12:00pm (ARC 1127)	Sachs, S
	F.....11:00am- 1:00pm (ARC 1127)	

ARCH479 (PermReq) Independent Studies in Architecture; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for information. — 1-4 credits

ARCH480 (PermReq) Problems and Methods of Architectural Preservation; Grade Method: REG/P-F/AUD; Prerequisite: ARCH 420 or permission of department. Majors only. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (ARC 1125)	Fogle, D

ARCH481 (PermReq) The Architect in Archaeology; Grade Method: REG/P-F/AUD; Prerequisite: permission of department. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (ARC 1121)	Vann, R

ARCH489 (PermReq) Independent Studies in Architectural Preservation; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact D. Fogle for course information. — 1-4 credits

ARCH800 (PermReq) Architecture Studio V; Grade Method: REG/AUD; Prerequisite: ARCH 403 or equivalent. Majors only. — 6 credits

0101	MWF.....2:00pm- 6:00pm (ARC 0102)	LAB	Weiss, M
	MWF.....2:00pm- 6:00pm (ARC 1121)	DIS	

ARCH801 (PermReq) Architecture Studio VI; Grade Method: REG/AUD; Prerequisite: ARCH 800. Majors only. — 6 credits

0101	MWF.....2:00pm- 6:00pm (ARC 0102)	LAB	Schumacher, T
	MWF.....2:00pm- 6:00pm (ARC 1123)	DIS	

ARCH810 (PermReq) Appropriate Technologies in Architecture; Grade Method: REG/AUD; Majors only. — 3 credits

0101	Tu.....3:30pm- 6:15pm (ARC 1121)	Wilson, F

ARCH817 Advanced Environmental Control and Systems; Grade Method: REG/AUD; Prerequisite: ARCH 375, ARCH 403, ARCH 412, ARCH 415 or equivalent. For ARCH majors only. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (ARC 1103)	Thiratrakoolcha

ARCH875 Advanced Architectural Construction and Materials; Grade Method: REG/AUD; Prerequisite: ARCH 375, ARCH 403, ARCH 412, ARCH 415. For ARCH majors only. — 3 credits

0101	Tu.....7:00pm- 8:30pm (ARC 1105)	Wiedemann, G
	F.....12:00pm-12:50pm (ARC 1105)	LAB

ARCH878 (PermReq) Selected Topics in Architecture; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for course information. ARCH majors only. — 1-6 credits

ARCH879 (PermReq) Independent Studies in Architecture; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for information. ARCH majors only. — 1-6 credits

ARCH700 (PermReq) Architecture Studio VII; Grade Method: REG/AUD; Prerequisite: ARCH 601. Majors only. — 6 credits

0101	MWF.....2:00pm- 6:00pm (ARC 0102)	McInturff, M
	MWF.....2:00pm- 6:00pm (ARC 1127)	DIS

ARCH770 (PermReq) Professional Practice; Grade Method: REG/AUD; Prerequisite: ARCH 601. Majors only. — 3 credits

0101	M.....12:00pm- 2:00pm (ARC 1125)	Schlesinger, B
	F.....1:00pm- 2:00pm (ARC 1125)	

ARCH797 (PermReq) Thesis Proseminar; Grade Method: REG/AUD; Prerequisite: ARCH 601. Majors only. — 3 credits

0101	MWF.....11:00am-11:50am (ARC 1103)	Dupuy, K

ARCH799 Master's Thesis Research; Grade Method: REG; ARCH majors only. — 1-6 credits

0101	MWF.....2:00pm- 6:00pm (ARC 0101)	LAB	Schlesinger, B
	MWF.....2:00pm- 6:00pm (ARC 1125)	DIS	

AREC Agriculture and Resource Economics (Agriculture)

AREC240 Environment and Human Ecology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits

0101	MW.....2:00pm- 3:15pm (SYM 0200)	Lichtenberg, E

AREC250 Elements of Agricultural and Resource Economics; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....2:00pm- 3:15pm (SYM 0200)	Chambers, R

AREC306 Farm Management; Grade Method: REG/P-F/AUD; Please save April 21 for an all day field trip. — 3 credits

0101	MWF.....11:00am-11:50am (SYM 0200)	Lessley, B

AREC365 World Hunger, Population, and Food Supplies; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits

0101	TuTh.....2:00pm- 3:15pm (CSS 2324)	Moore, J

AREC399 (PermReq) Special Problems; Grade Method: REG/P-F/AUD; — 1-2 credits

0101	Time and room to be arranged	STAFF

AREC404 Prices of Agricultural Products; Grade Method: REG/P-F/AUD; Prerequisite: ECON 403. — 3 credits

0101	TuTh.....9:30am-10:45am (SYM 2109)	Hardie, I

AREC405 Economics of Agricultural Production; Grade Method: REG/P-F/AUD; Prerequisite: ECON 403 and MATH 220. — 3 credits

0101	MW.....3:30pm- 4:45pm (SYM 2109)	Bender, F

AREC427 Economics of Agricultural Marketing Systems; Grade Method: REG/P-F/AUD; Prerequisite: AREC 250. — 3 credits

0101	TuTh.....8:00am- 9:15am (CSS 2330)	Moore, J

AREC489E Special Topics in Agricultural and Resources Economics; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....3:30pm- 4:45pm (SYM 2109)	Bender, F

AREC610 Microeconomic Applications in Agricultural and Resource Markets; Grade Method: REG/AUD; Prerequisite: ECON 603. — 3 credits

0101	MW.....11:00am-12:15pm (SYM 2109)	McConnell, K

AREC615 Agricultural and Resource Economics Research Techniques; Grade Method: REG/AUD; — 3 credits

0101	MW.....1:00pm- 2:15pm (SYM 2109)	Bockstael, N

AREC685 Applications of Mathematical Programming in Agriculture Business and Analysis; Grade Method: REG/AUD; Prerequisite: ECON 403 or permission of department. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (SYM 2109)	Hardie, I

AREC699 (PermReq) Special Problems in Agricultural and Resource Economics; Grade Method: REG/AUD; Individual Instruction course: contact — 1-2 credits

department or instructor to obtain section number.

AREC753 Economics of Renewable Natural Resources; Grade Method: REG/AUD; Prerequisite: AREC 610; and AREC 620; or permission of department. — 3 credits
0101 MW.....9:30am-10:45am (SYM 2109) — Lichtenberg, E

AREC799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

AREC806 Economics of Agricultural Production; Grade Method: REG/AUD; Prerequisite: ECON 603 and AREC 610. — 3 credits
0101 MW.....3:00pm- 4:15pm (SYM 1308) — Eidman, V

AREC845 Advanced International Agricultural Development; Grade Method: REG/AUD; Credit will be granted for only one of the following: AREC 645 or AREC 845. — 3 credits
0101 Time and room to be arranged — Lopez, R

AREC859 Advanced Topics in Natural Resource Economics; Grade Method: REG/AUD; — 1 credit
0101 F.....2:00pm- 4:30pm (SYM 2109) — McConnell, K

AREC899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

ARHU Arts and Humanities (Arts and Humanities)

ARHU386 Field Work; Grade Method: REG/P-F/AUD; Open to literacy interns only. — 1-3 credits
0101 Time and room to be arranged — Dinkins, L

ARHU387 Field Work Analysis; Grade Method: REG/P-F/AUD; Open to literacy interns only. — 1-3 credits
0101 Time and room to be arranged — Dinkins, L

ARSC Air Science

ARSC101 The Air Force Today II; Grade Method: REG; An elective, but required for those freshmen desiring the four year AFROTC program. Consists of one lecture hour and one corps training period (lab) each week. All cadets ARE REQUIRED to attend the corps assembly on Jan 23 & 25 from 0750-0850, Room 0135 of the Armory. — 1 credit
0101 Tu.....11:00am-11:50am (COL 3111) — Hughes, P
Tu.....8:00am- 8:50am (ARM 1122) LAB
0102 Tu.....11:00am-11:50am (COL 3111) — Hughes, P
Tu.....7:00pm- 7:50pm (ARM 1122) LAB
0201 Tu.....10:00am-10:50am (COL 3111) — Hughes, P
Tu.....8:00am- 8:50am (ARM 1122) LAB
0202 Tu.....10:00am-10:50am (COL 3111) — Hughes, P
Tu.....7:00am- 7:50am (ARM 1122) LAB
0301 Th.....10:00am-10:50am (COL 3111) — Hughes, P
Tu.....8:00am- 8:50am (ARM 1122) LAB
0302 Th.....10:00am-10:50am (COL 3111) — Hughes, P
Tu.....7:00am- 7:50am (ARM 1122) LAB

ARSC110 Fundamentals of Flying; Grade Method: REG; This course is an elective but is designed for AFROTC juniors slated for Air Force undergraduate pilot training. This course is a lower level elective open to any freshman or sophomore. — 1 credit
0101 W.....10:00am-10:50am (COL 3110) — Davis, G

ARSC201 The Development of Air Power II; Grade Method: REG; An elective, but required for sophomores desiring the four year AFROTC program. Consists of one lecture hour and one corps training period (lab) each week. — 1 credit

All cadets ARE REQUIRED to attend the corps assembly on Jan 23 & 25 from 0750-0850, Room 0135 of the Armory.
0101 Tu.....10:00am-10:50am (COL 3112) — Davis, G
Tu.....8:00am- 8:50am (ARM 1122) LAB
0102 Tu.....10:00am-10:50am (COL 3112) — Davis, G
Tu.....7:00am- 7:50am (ARM 1122) LAB
0201 Tu.....11:00am-11:50am (COL 3112) — Davis, G
Tu.....8:00am- 8:50am (ARM 1122) LAB
0202 Tu.....11:00am-11:50am (COL 3112) — Davis, G
Tu.....7:00am- 7:50am (ARM 1122) LAB

ARSC311 Management and Leadership II; Grade Method: REG; Consists of 3 lecture hours and one corps training (lab) period each week. Required for all juniors in AFROTC and open to university students (without lab) as elective. All cadets ARE REQUIRED to attend the corps assembly on Jan 23 & 25 from 0750-0850, Room 0135 of the Armory. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (COL 3110) — Fields, C
Tu.....8:00am- 8:50am (COL 3109) LAB
0102 TuTh.....2:00pm- 3:15pm (COL 3110) — Fields, C
Tu.....7:00am- 7:50am (COL 3109) LAB
0201 Tu.....9:00am-11:30am (COL 3110) — Fields, C
Tu.....8:00am- 8:50am (COL 3109) LAB
0202 Tu.....9:00am-11:30am (COL 3110) — Fields, C
Tu.....7:00am- 7:50am (COL 3109) LAB

ARSC321 National Security Forces in Contemporary American Society II; Grade Method: REG; Consists of 3 lecture hours and one corps training (lab) period each week. Required for all seniors in AFROTC and open to university students (without lab) as elective. All cadets ARE REQUIRED to attend the assembly on Jan 23 & 25 from 0750-0850, Room 0135 of the Armory. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (COL 3121) — Meyer, K
Tu.....8:00am- 8:50am (COL 3109) LAB
0102 TuTh.....2:00pm- 3:15pm (COL 3121) — Meyer, K
Tu.....7:00am- 7:50am (COL 3109) LAB
0201 Tu.....9:00am-11:30am (COL 3121) — Meyer, K
Tu.....8:00am- 8:50am (COL 3109) LAB
0202 Tu.....9:00am-11:30am (COL 3121) — Meyer, K
Tu.....7:00am- 7:50am (COL 3109) LAB

ARTH Art History (Arts and Humanities)

ARTH100 Introduction to Art; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ASY 2309) — Burnham, J
0201 TuTh.....2:00pm- 3:15pm (ASY 2203) — Peters-Campbell
0301 MWF.....10:00am-10:50am (ASY 2203) — STAFF

ARTH200 Art of the Western World I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Formerly ARTH 260. — 3 credits
0101 TuTh.....9:30am-10:45am (ASY 1213) — Spiro, M

ARTH201 Art of the Western World II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Formerly ARTH 261. — 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 1213) — Caswell, J
0201 TuTh.....9:30am-10:45am (ASY 2309) — STAFF

ARTH275 Art of Africa; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Formerly ARTH 284. — 3 credits
0101 MWF.....1:00pm- 1:50pm (ASY 1213) — Eyo, E

ARTH290 Art of Asia; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Formerly ARTH 262. — 3 credits
0101 MWF.....12:00pm-12:50pm (ASY 2309) — Sandler, M

ARTH386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ARTH387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ARTH395 Art of Japan; Grade Method: REG/P-F/AUD; Formerly ARTH 407. — 3 credits
0101 MWF.....9:00am- 9:50am (ASY 3211) — Sandler, M

ARTH402 Greek Art and Archaeology; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 3211) — Venit, M

ARTH411 Gothic Art; Grade Method: REG/P-F/AUD; Formerly ARTH 413. — 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 3215) — Denny, D

ARTH415 Italian Renaissance Art; Grade Method: REG/P-F/AUD; Formerly ARTH 424. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ASY 3211) — Rearick, W

ARTH425 Sixteenth-Century Northern European Painting; Grade Method: REG/P-F/AUD; Formerly ARTH 417. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 3211) — Caswell, J

ARTH435 Seventeenth-Century Art in the Netherlands; Grade Method: REG/P-F/AUD; Formerly ARTH 431. — 3 credits
0101 M.....3:00pm- 5:40pm (ASY 3211) — Wheelock Jr., A

ARTH443 Eighteenth-Century European Art; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ASY 3219) — Pressly, W

ARTH446 Nineteenth-Century European Art from 1850; Grade Method: REG/P-F/AUD; Formerly ARTH 441. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 3219) — Pressly, W

ARTH454 Nineteenth and Twentieth Century Sculpture; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 3215) — Withers, J

ARTH456 Twentieth-Century Art from 1945; Grade Method: REG/P-F/AUD; Formerly ARTH 451. — 3 credits
0101 TuTh.....9:30am-10:45am (ASY 3211) — Burnham, J

ARTH460 American Art Since 1876; Grade Method: REG/P-F/AUD; Formerly ARTH 477. — 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 3219) — Peters-Campbell

ARTH476 Living Art of Africa; Grade Method: REG/P-F/AUD; Formerly ARTH 463. — 3 credits
0101 MWF.....11:00am-11:50am (ASY 3211) — Eyo, E

ARTH489A Special Topics in Art History: Art and Archaeology of Mosaics; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ASY 3215) — Spiro, M

ARTH489B Special Topics in Art History: Buddhist Arts of Asia; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....7:00pm- 9:40pm (ASY 2309) — Sandler, M

ARTH489C Special Topics in Art History: Chinese Painting, Theory and Practice, 10th through 17th Century; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....12:30pm- 3:00pm (ASY 3215) — Wang, T

ARTH498 (PermReq) Directed Studies in Art History I; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 2-3 credits

ARTH499 (PermReq) Directed Studies in Art History II; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 2-3 credits

ARTH608 Studies in Ancient Art and Archaeology: Roman Painting; Grade Method: REG/AUD; — 3 credits
0101 M.....6:00pm- 8:40pm (ASY 4304) — Leach, E

ARTH618 Studies in Medieval Art: Medieval Art: Feminist Perspectives on 12th and 13th Century Art; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 4304) — Denny, D

ARTH689 Selected Topics in Art History: Feminist Perspectives; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 4304) — Withers, J

ARTH694 Museum Training Program; Grade Method: REG/AUD; — 3 credits
0101 W.....3:30pm- 6:10pm (ASY 4306) — Owens, G

ARTH708 Seminar in Ancient Art and Archaeology: Iconography of Death; Grade Method: REG/AUD; — 3 credits
0101 Tu.....3:30pm- 6:10pm (ASY 4304) DIS — Venit, M

ARTH719 Seminar in Italian Renaissance Art; Grade Method: REG/AUD; — 3 credits
0101 Th.....3:30pm- 6:10pm (ASY 4306) — Rearick, W

ARTH728 (PermReq) Seminar in Fourteenth and Fifteenth-Century Northern European Art: Netherlandish and French Illumination; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:45pm (ASY 4306) — Farquhar, J

ARTH789 (PermReq) Selected Topics in Art History; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ARTH799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ARTH899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

ARTT Art Studio (Arts and Humanities)

ARTT100 Elements of Design; Grade Method: REG/P-F/AUD; Formerly ARTS 100. — 3 credits
0101 MW.....12:30pm- 2:30pm (ASY 2314) LAB — STAFF
0201 MW.....12:30pm- 2:30pm (ASY 2318) LAB — STAFF
0301 TuTh.....9:00am-11:00am (ASY 2314) LAB — STAFF
0401 TuTh.....9:00am-11:00am (ASY 2318) LAB — STAFF
0501 TuTh.....12:30pm- 2:30pm (ASY 2314) LAB — STAFF
0601 TuTh.....12:30pm- 2:30pm (ASY 2318) LAB — STAFF
0701 TuTh.....3:00pm- 5:00pm (ASY 2314) LAB — STAFF
0801 TuTh.....3:00pm- 5:00pm (ASY 2318) LAB — STAFF

ARTT110 Elements of Drawing; Grade Method: REG/P-F/AUD; Formerly ARTS 110. — 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 3211) LAB — STAFF
0201 MW.....12:30pm- 3:00pm (ASY 2321) LAB — STAFF
0301 MW.....3:00pm- 5:30pm (ASY 2317) LAB — Humphrey, M
0401 MW.....3:00pm- 5:30pm (ASY 2321) LAB — Humphrey, M
0501 TuTh.....12:00pm- 2:30pm (ASY 2317) LAB — STAFF
0601 TuTh.....12:00pm- 2:30pm (ASY 2321) LAB — STAFF
0701 TuTh.....9:00am-11:30am (ASY 2317) LAB — STAFF
0801 TuTh.....9:00am-11:30am (ASY 2321) LAB — STAFF

ARTT208A Design: The Photographic Eye; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....9:00am-11:30am (ASY 3304) LAB — Gossage, J
0201 MW.....12:30pm- 3:00pm (ASY 3304) LAB — Gossage, J

ARTT208D Design: Three-Dimensional Design; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....9:00am-11:30am (ASY 2314) LAB — STAFF
0201 MW.....3:00pm- 5:30pm (ASY 2318) LAB — STAFF

ARTT208F Design: Papermaking; Grade Method: REG/P-F; — 3 credits
0101 TuTh.....12:30pm- 3:00pm (ASY 3304) LAB — Pogue, S

ARTT210 Intermediate Drawing; Grade Method: REG/P-F/AUD; Prerequisites: ARTT 100; and ARTT 110. Formerly ARTS 210. — 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 2315) LAB — Humphrey, M
0201 TuTh.....12:30pm- 3:00pm (ASY 2315) LAB — Lapinski, T
0301 TuTh.....3:00pm- 5:30pm (ASY 2315) LAB — Driskell, D
0401 TuTh.....9:00am-11:30am (ASY 2322) LAB — Blotner, P

ARTT320 Elements of Painting; Grade Method: REG/P-F/AUD; Prerequisite: ARTT 210. Formerly ARTS 320. Section 0401 focuses on watercolor. — 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 3312) LAB — Krushenick, N
0201 MW.....9:00am-11:30am (ASY 3322) LAB — Richardson, W
0301 MW.....3:00pm- 5:30pm (ASY 3312) LAB — Krushenick, N
0401 TuTh.....9:00am-11:30am (ASY 3304) LAB — Craig, P
0501 TuTh.....9:00am-11:30am (ASY 3318) LAB — Niese, H

ARTT334 Elements of Sculpture: Construction; Grade Method: REG/P-F/AUD; Prerequisite: ARTT 210. Formerly ARTS 334. Section 0101 focuses on steel; section 0201 focuses on wood. — 3 credits
0101 MW.....9:00am-11:30am (ASY 1314) LAB — Ruppert, J
0201 TuTh.....12:30pm- 3:00pm (ASY 1311) LAB — Blotner, P

ARTT335 Elements of Sculpture: Carving; Grade Method: REG/P-F/AUD; Prerequisite: ARTT 210. Formerly ARTS 335. — 3 credits
0201 TuTh.....12:30pm- 3:00pm (ASY 1314) LAB — STAFF

ARTT340 Elements of Printmaking: Intaglio; Grade Method: REG/P-F/AUD; Prerequisite: ARTT 210. Formerly ARTS 340. — 3 credits
0101 MW.....12:00pm- 2:30pm (ASY 1317) — Forbes Jr., J

ARTT341 Elements of Printmaking: Woodcut and Relief; Grade Method: REG/P-F/AUD; Prerequisite: ARTT 210. Formerly ARTS 341. — 3 credits
0101 TuTh.....12:30pm- 3:00pm (ASY 1317) LAB — Driskell, D

ARTT344 Elements of Printmaking: Lithography; Grade Method: REG/P-F/AUD; Prerequisite: ARTT 210. Formerly ARTS 344. — 3 credits
0101 MW.....9:30am-12:00pm (ASY 1317) LAB — Humphrey, M
0201 TuTh.....9:00am-11:30am (ASY 1317) LAB — Lapinski, T

ARTT386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ARTT387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ARTT418 Drawing; Grade Method: REG/P-F/AUD; Repeatable for up to 12 credits. — 3 credits
0101 TuTh.....12:30pm- 3:00pm (ASY 2322) LAB — Niese, H

ARTT418A Drawing: The Human Being; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 2322) LAB — Truitt, A

ARTT418C Drawing: Contemporary Approach to Drawing; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....3:00pm- 5:30pm (ASY 2322) LAB — Kehoe, P

ARTT418D (PermReq) Drawing: Old Masters and Contemporary Artists; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....3:00pm- 5:30pm (ASY 3318) — Gelman, E

ARTT428 Painting; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 3322) LAB — Gelman, E
0201 MW.....9:00am-11:30am (ASY 3318) LAB — Richardson, W

ARTT428A Painting: Acrylic Painting; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 3316) — Krushenick, N
0201 MW.....3:00pm- 5:30pm (ASY 3316) — Krushenick, N

ARTT428B Painting: Contemporary Approach to the Figure; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 3:00pm (ASY 3312) LAB — Kehoe, P

ARTT428D (PermReq) Painting: Watercolor; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:00am-11:30am (ASY 3304) — Craig, P

ARTT438A (PermReq) Sculpture: Bronze Casting; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 1310) LAB — Ruppert, J

ARTT438B Sculpture: Advanced Stone Sculpture; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 3:00pm (ASY 1314) LAB — STAFF

ARTT438C (PermReq) Sculpture: Steel Sculpture; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....9:00am-11:30am (ASY 1314) LAB — Ruppert, J

ARTT438D (PermReq) Sculpture: Wood/Mixed Media Construction; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....3:00pm- 5:30pm (ASY 1311) LAB — Blotner, P

ARTT448B Printmaking: Advanced Lithography; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:00am-11:30am (ASY 1317) LAB — Lapinski, T

ARTT448D Printmaking: Woodcut and Relief; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 3:00pm (ASY 1317) — Driskell, D

ARTT468 Advanced Seminar in Studio Art: The Interrelation of Student Work and Contemporary Art; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....9:00am-11:30am (ASY 2322) — Truitt, A

ARTT489D (PermReq) Special Problems in Studio Arts: Advanced Photography; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 3304) — Gossage, J

ARTT489F Special Problems in Studio Arts: Papermaking; Grade Method: REG/P-F; — 3 credits
0101 TuTh.....12:30pm- 3:00pm (ASY 3304) LAB — Pogue, S

ARTT498 (PermReq) Directed Studies in Studio Art; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. Not available as an elective. — 2-3 credits

ARTT610 (PermReq) Drawing; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Formerly ARTS 610. — 3 credits

ARTT620 (PermReq) Painting; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Formerly ARTS 620. — 3 credits

ARTT624 Painting; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Formerly ARTS 624. — 3 credits

ARTT626 Painting; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Formerly ARTS 626. — 3 credits

ARTT627 Painting; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Formerly ARTS 627. — 3 credits

ARTT630 (PermReq) Experimentation in Sculpture; Grade Method: REG/AUD; Formerly ARTS 630. Advanced Special students require permission of department. — 3 credits
0101 Time and room to be arranged — Blotner, P
1301 Time and room to be arranged — Ruppert, J

ARTT634 (PermReq) Experimentation in Sculpture; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Formerly ARTS 634. — 3 credits

ARTT644 Printmaking; Grade Method: REG/AUD; Formerly ARTS 644. Advanced special students require permission of the department. — 3 credits
0401 Time and room to be arranged — Forbes Jr., J
1101 Time and room to be arranged — Lapinski, T
1601 Time and room to be arranged — Pogue, S

ARTT646 Printmaking; Grade Method: REG/AUD; Formerly ARTS 646. Advanced special students require permission of the department. — 3 credits
0401 Time and room to be arranged — Forbes Jr., J
1101 Time and room to be arranged — Lapinski, T
1601 Time and room to be arranged — Pogue, S

ARTT689A Special Problems in Studio Art: Interrelation of Graduate Work and Contemporary Art; Grade Method: REG/AUD; — 3 credits
0101 MW.....9:00am-11:30am (ASY 2322) — Truitt, A

ARTT689F (PermReq) Special Problems in Studio Art: Old Masters and Contemporary Artists; Grade Method: REG/AUD; — 3 credits

0101 MW.....3:00pm- 5:30pm (ASY 3318) Gelman, E

ARTT698 (PermReq) Directed Graduate Studies in Studio Art; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. 3 credits

ARTT798 (PermReq) Directed Graduate Studies in Studio Art; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. 3 credits

ARTT799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

---

ASTR Astronomy (Comp, Math, & Phys Sci)

ASTR100 Introduction to Astronomy; Grade Method: REG/P-F/AUD; Credit for ASTR 100 cannot be obtained after, or simultaneously with, receiving credit for any astronomy course numbered 150 or higher. Course meets University Studies Program Distributive Studies non-lab science and mathematics requirement. If ASTR 110A or 111 are taken at the same, or at a later time, the combination may be counted as lab science requirement. Discussion sections do not meet first week. Attend lecture before coming to discussion section. 3 credits

0101 TuTh.....9:30am-10:45am (PHY 1412) Verschuur, G
0201 MWF.....9:00am- 9:50am (PHY 1412) Deming, G
Tu.....2:00pm- 2:50pm (CSS 1113) DIS
0202 MWF.....9:00am- 9:50am (PHY 1412) Deming, G
M.....12:00pm-12:50pm (CSS 1113) DIS
0203 MWF.....9:00am- 9:50am (PHY 1412) Deming, G
Tu.....4:00pm- 4:50pm (CSS 1113) DIS
0204 MWF.....9:00am- 9:50am (PHY 1412) Deming, G
Th.....2:00pm- 2:50pm (CSS 1113) DIS
0205 MWF.....9:00am- 9:50am (PHY 1412) Deming, G
Th.....3:00pm- 3:50pm (CSS 1113) DIS
0206 MWF.....9:00am- 9:50am (PHY 1412) Deming, G
W.....12:00pm-12:50pm (CSS 1113) DIS
0207 MWF.....9:00am- 9:50am (PHY 1412) Deming, G
F.....12:00pm-12:50pm (CSS 1113) DIS
0208 MWF.....9:00am- 9:50am (PHY 1412) Deming, G
F.....1:00pm- 1:50pm (CSS 1113) DIS
0301 TuTh.....11:00am-12:15pm (PHY 1412) Blitz, L
M.....11:00am-11:50am (CSS 1113) DIS
0302 TuTh.....11:00am-12:15pm (PHY 1412) Blitz, L
M.....1:00pm- 1:50pm (CSS 1113) DIS
0303 TuTh.....11:00am-12:15pm (PHY 1412) Blitz, L
Tu.....3:00pm- 3:50pm (CSS 1113) DIS
0304 TuTh.....11:00am-12:15pm (PHY 1412) Blitz, L
W.....11:00am-11:50am (CSS 1113) DIS
0305 TuTh.....11:00am-12:15pm (PHY 1412) Blitz, L
W.....1:00pm- 1:50pm (CSS 1113) DIS
0306 TuTh.....11:00am-12:15pm (PHY 1412) Blitz, L
Th.....4:00pm- 4:50pm (CSS 1113) DIS
0307 TuTh.....11:00am-12:15pm (PHY 1412) Blitz, L
F.....9:00am- 9:50am (CSS 1113) DIS
0308 TuTh.....11:00am-12:15pm (PHY 1412) Blitz, L
F.....11:00am-11:50am (CSS 1113) DIS

ASTR110 Astronomy Laboratory; Grade Method: REG/P-F; Pre- or corequisite: ASTR 100. Only open to students who have taken or are currently taking ASTR 100. Labs do not meet during first week of classes. 1 credit

0101 M.....8:00am-10:00am (CSS 1109) LAB STAFF
0102 M.....10:30am-12:30pm (CSS 1109) LAB STAFF
0103 M.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
0104 M.....3:30pm- 5:30pm (CSS 1109) LAB STAFF
0105 M.....6:00pm- 8:00pm (CSS 1109) LAB STAFF
0106 Tu.....8:00am-10:00am (CSS 1109) LAB STAFF
0107 Tu.....10:30am-12:30pm (CSS 1109) LAB STAFF
0108 Tu.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
0109 Tu.....3:30pm- 5:30pm (CSS 1109) LAB STAFF
0110 Tu.....6:00pm- 8:00pm (CSS 1109) LAB STAFF
0111 W.....8:00am-10:00am (CSS 1109) LAB STAFF
0112 W.....10:30am-12:30pm (CSS 1109) LAB STAFF
0113 W.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
0114 W.....3:30pm- 5:30pm (CSS 1109) LAB STAFF
0115 W.....6:00pm- 8:00pm (CSS 1109) LAB STAFF
0116 Th.....8:00am-10:00am (CSS 1109) LAB STAFF
0117 Th.....10:30am-12:30pm (CSS 1109) LAB STAFF
0118 Th.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
0119 Th.....3:30pm- 5:30pm (CSS 1109) LAB STAFF
0120 Th.....6:00pm- 8:00pm (CSS 1109) LAB STAFF
0121 F.....8:00am-10:00am (CSS 1109) LAB STAFF
0122 F.....10:30am-12:30pm (CSS 1109) LAB STAFF
0123 F.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
0124 F.....3:30pm- 5:30pm (CSS 1109) LAB STAFF

ASTR111 Observational Astronomy Laboratory; Grade Method: REG/P-F/AUD; Corequisite: ASTR 100. Open only to students who have taken or are currently taking ASTR 100. First meeting is week of Jan. 30 in CSS 1109. Class normally meets at Astronomy Lecture Building. 1 credit

0101 Tu.....7:30pm- 9:30pm (ALB 1101) LAB STAFF
0201 W.....7:30pm- 9:30pm (ALB 1101) LAB STAFF

ASTR200 Introductory Astronomy and Astrophysics; Grade Method: REG/P-F/AUD; Pre- or corequisite: MATH 140. For science, mathematics, computer science and engineering majors only. Credit will be granted for only one of the following: ASTR 100 or ASTR 200. 3 credits

0101 TuTh.....12:30pm- 1:45pm (CSS 2352) Zipoy, D

ASTR288 (PermReq) Special Projects in Astronomy; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. A faculty sponsor must be found by the students wishing to enroll in this course. 1-3 credits

ASTR300 Stars and Stellar Systems; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: ASTR 100 and completion of University Studies requirement in the natural sciences or permission of department. Designed primarily for non-physical science majors. Open to juniors and seniors. 3 credits

0101 TuTh.....12:30pm- 1:45pm (CSS 1113) Rose, W
0201 TuTh.....12:30pm- 1:45pm (CSS 2324) STAFF

ASTR330 Solar-System Astronomy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: ASTR 100 and completion of University Studies requirement in the natural science or permission of department. Designed primarily for non-physical science majors. Open to juniors and seniors. 3 credits

0101 MWF.....10:00am-10:50am (CSS 2324) Matthews, T

ASTR340 Galaxies and the Universe; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: ASTR 100 and completion of University Studies requirement in the natural science or permission of department. Designed primarily for non-physical science majors. Open to juniors and seniors. 3 credits

0101 TuTh.....9:30am-10:45am (CSS 1113) Eichler, D

ASTR350 Astronomy and Astrophysics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisites: PHYS 272 or PHYS 262 or PHYS 142 or permission of department; ASTR 200 or specific reading assignments during course. Corequisite: PHYS 293 or PHYS 263. For science majors. 4 credits

0101 TuTh.....11:00am-12:15pm (CSS 0201) Vogel, S
W.....12:00pm-12:50pm (CSS 0201) DIS

ASTR380 Life in the Universe; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: ASTR 100 and completion of University Studies requirement in the natural science or permission of department. Designed primarily for non-physical science majors. Open to juniors and seniors. 3 credits

0101 TuTh.....11:00am-12:15pm (EGR 1202) Theison, D
0201 MWF.....2:00pm- 2:50pm (CSS 1113) Matthews, T

ASTR399 Honors Seminar; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

ASTR400 Stellar Astrophysics; Grade Method: REG/P-F/AUD; Prerequisite: ASTR 350. Corequisite: PHYS 420 or PHYS 421. 3 credits

0101 TuTh.....9:30am-10:45am (CSS 0201) Papadopoulos, K

ASTR410 Observational Astronomy I; Grade Method: REG/P-F/AUD; Prerequisites: PHYS 294 or PHYS 263; and 3 credits in astronomy. 3 credits

0101 WF.....1:00pm- 2:15pm (CSS 0201) Kundu, M

ASTR420 Introduction to Galactic Research; Grade Method: REG/P-F/AUD; Prerequisite: PHYS 272 and ASTR 350 or equivalent or permission of department. 3 credits

0101 TuTh.....2:00pm- 3:15pm (CSS 0201) Wilson, A

ASTR498 (PermReq) Special Problems in Astronomy; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. This course is open only to those who make prior arrangements with a member of the astronomy faculty. 1-6 credits

ASTR610 Astronomical Instrumentation and Techniques; Grade Method: REG/AUD; Prerequisite: PHYS 405 or permission of department. 3 credits

0101 WF.....10:00am-11:15am (CSS 0201) Ahearn, M

ASTR670 Interstellar Matter; Grade Method: REG/AUD; Prerequisite: PHYS 422 or permission of department. 3 credits

0101 MW.....2:30pm- 3:45pm (CSS 0201) Harrington, J

ASTR688A Special Topics in Modern Astronomy: Stellar Evolution and Compact Objects; Grade Method: REG/AUD; 3 credits

0101 TuTh.....3:30pm- 4:45pm (CSS 0201) Eichler, D

ASTR699 (PermReq) Special Problems in Advanced Astronomy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ASTR788 (PermReq) Selected Topics in Modern Astronomy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ASTR799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ASTR899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

BCHM Biochemistry (Life Sciences)

BCHM261 Elements of Biochemistry; Grade Method: REG/P-F/AUD; Prerequisite: CHEM 104 or CHEM 233 or CHEM 235. Not open to students who have completed BCHM 461. 3 credits

0101 TuTh.....8:00am- 9:15am (CHM 1402) Sampugna, J

BCHM461 Biochemistry I; Grade Method: REG/P-F/AUD; Prerequisite: CHEM 243 or CHEM 245. 3 credits

0101 TuTh.....9:30am-10:45am (CHM 1407) Gerlt, J

BCHM462 Biochemistry II; Grade Method: REG/P-F/AUD; Prerequisite: BCHM 461. 3 credits

0101 TuTh.....9:30am-10:45am (CHM 1402) Hansen, J

BCHM464 Biochemistry Laboratory II; Grade Method: REG/P-F/AUD; Prerequisite: CHEM 483 or BCHM 463. Pre- or corequisite: BCHM 462. 2 credits

0101 MW.....1:00pm- 3:50pm (CHM 2225) LAB Sampugna, J
0102 TuTh.....1:00pm- 3:50pm (CHM 2225) LAB Sampugna, J

BCHM668 Special Problems in Biochemistry; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Registrants in this course must have prior approval from Dr. Gerlt. 2-4 credits

BCHM669A Special Topics in Biochemistry: Mechanisms of DNA Replication; Grade Method: REG/AUD; 2 credits

0101 TuTh.....8:00am- 8:50am (CHM 0127) Julin, D

BCHM672 Biological Membranes; Grade Method: REG/AUD; 3 credits

0101 TuTh.....8:00am- 9:15am (CHM 2201) Armstrong, R

BCHM673 Regulation of Metabolism; Grade Method: REG/AUD; 3 credits

0101 TuTh.....9:30am-10:45am (CHM 2201) Dunaway-Mariano

BCHM699 Special Problems in Biochemistry; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Open only to non-thesis M.S. degree candidates. 1-6 credits

BCHM799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

BCHM898A Seminar: Biochemistry Seminar; Grade Method: REG/AUD; 1 credit

0101 Tu.....11:00am-11:50am (CHM 0124) Armstrong, R

BCHM898B Seminar: Bioorganic Chemistry; Grade Method: REG/AUD; 1 credit

0101 Time and room to be arranged Armstrong, R

BCHM898C Seminar: Lipid Metabolism; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit

0101 Time and room to be arranged Sampugna, J

BCHM898D Seminar: Enzymology of Recombination; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit

0101 Time and room to be arranged Julin, D

BCHM898F Seminar: Bacterial Spores; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit

0101 Time and room to be arranged Hansen, J

BCHM898G Seminar: Enzymology; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit

0101 Time and room to be arranged Dunaway-Mariano

BCHM898I Seminar: Microbial Chemistry; Grade Method: REG/AUD; Contact instructor to make arrangements. 1 credit

0101 Time and room to be arranged DIS Brusilow, W

BCHM898J Seminar: Enzymatic Reaction Mechanisms; Grade Method: REG/AUD; Contact instructor to make arrangements. 1 credit

0101 Time and room to be arranged DIS Gerlt, J

BCHM899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

BIOL Biology (Life Sciences)

Note: Additional biology courses may be found under these course headings: BOTN, ENTM, MICB and ZOOL.

BIOL101 Concepts of Biology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies Non-Lab Science and Mathematics requirement. If taken with BIOL 102, course may be counted as Lab Science requirement. For non-science majors. 3 credits

0101 MWF.....12:00pm-12:50pm (HJP 0226) Linder, H

BIOL102 Laboratory in Biology; Grade Method: REG/P-F/AUD; Pre- or corequisite: BIOL 101. For non-science majors. 1 credit

1003 Tu.....9:00am-12:00pm (ZOP 0249) LAB STAFF
1004 Tu.....1:00pm- 4:00pm (ZOP 0249) LAB STAFF
1005 W.....9:00am-12:00pm (ZOP 0249) LAB STAFF
1006 W.....1:00pm- 4:00pm (ZOP 0249) LAB STAFF
1007 Th.....9:00am-12:00pm (ZOP 0249) LAB STAFF
1008 Th.....1:00pm- 4:00pm (ZOP 0249) LAB STAFF

BIOL105 Principles of Biology I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; For science majors. Credit will be granted for only one of the following: BIOL 101, BOTN 100, ZOOL 101, BIOL 105. 4 credits

0101 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
M.....12:00pm- 3:00pm (HJP 2104) LAB
0102 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
M.....12:00pm- 3:00pm (HJP 2103) LAB
0103 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
M.....3:00pm- 6:00pm (HJP 2104) LAB
0104 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
M.....3:00pm- 6:00pm (HJP 2103) LAB
0105 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Tu.....9:00am-12:00pm (HJP 2104) LAB
0106 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Tu.....9:00am-12:00pm (HJP 2103) LAB
0107 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Tu.....12:00pm- 3:00pm (HJP 2104) LAB
0108 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Tu.....12:00pm- 3:00pm (HJP 2103) LAB
0109 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Tu.....3:00pm- 6:00pm (HJP 2104) LAB
0110 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Tu.....3:00pm- 6:00pm (HJP 2103) LAB
0111 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
W.....8:00am-11:00am (HJP 2104) LAB
0112 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
W.....8:00am-11:00am (HJP 2103) LAB
0113 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
W.....12:00pm- 3:00pm ZOP 0213) LAB
0114 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
W.....12:00pm- 3:00pm (HJP 2103) LAB
0115 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
W.....3:00pm- 6:00pm (HJP 2104) LAB
0116 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Th.....9:00am-12:00pm (HJP 2104) LAB
0117 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Th.....9:00am-12:00pm (HJP 2103) LAB
0118 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Th.....12:00pm- 3:00pm (HJP 2104) LAB
0119 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Th.....12:00pm- 3:00pm (HJP 2103) LAB
0120 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Th.....3:00pm- 6:00pm (HJP 2104) LAB
0121 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Th.....3:00pm- 6:00pm (HJP 2103) LAB
0122 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
F.....8:00am-11:00am (HJP 2104) LAB

BIOL106 Principles of Biology II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: BIOL 105. For science majors. 4 credits

0101 MWF.....11:00am-11:50am (HJP 0226) Allan, J
M.....12:00pm- 3:00pm (ZOP 0245) LAB
0102 MWF.....11:00am-11:50am (HJP 0226) Allan, J
M.....3:00pm- 6:00pm (ZOP 0245) LAB
0103 MWF.....11:00am-11:50am (HJP 0226) Allan, J
Tu.....9:00am-12:00pm (ZOP 0245) LAB
0104 MWF.....11:00am-11:50am (HJP 0226) Allan, J
Tu.....12:00pm- 3:00pm (ZOP 0245) LAB
0105 MWF.....11:00am-11:50am (HJP 0226) Allan, J
Tu.....3:00pm- 6:00pm (ZOP 0245) LAB
0106 MWF.....11:00am-11:50am (HJP 0226) Allan, J
W.....8:00am-11:00am (ZOP 0245) LAB
0107 MWF.....11:00am-11:50am (HJP 0226) Allan, J
W.....12:00pm- 3:00pm (ZOP 0245) LAB
0108 MWF.....11:00am-11:50am (HJP 0226) Allan, J
W.....3:00pm- 6:00pm (ZOP 0245) LAB
0109 MWF.....11:00am-11:50am (HJP 0226) Allan, J
Th.....9:00am-12:00pm (ZOP 0245) LAB
0110 MWF.....11:00am-11:50am (HJP 0226) Allan, J
Th.....12:00pm- 3:00pm (ZOP 0245) LAB
0111 MWF.....11:00am-11:50am (HJP 0226) Allan, J
Th.....3:00pm- 6:00pm (ZOP 0245) LAB
0112 MWF.....11:00am-11:50am (HJP 0226) Allan, J
F.....8:00am-11:00am (ZOP 0245) LAB

BIOL398 (PermReq) Honors Research Problems in Biology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Contact L. Berg (1225 H.J.Patterson) to obtain section number. 1-3 credits

BIOL399 (PermReq) Honors Seminar in Biology; Grade Method: REG; 1 credit

0101 F.....9:00am- 9:50am (HJP 1229) Berg, L

BIOM Biometrics (Agriculture)

BIOM301 Introduction to Biometrics; Grade Method: REG/P-F/AUD; Prerequisite: MATH 115. 3 credits

0101 TuTh.....12:00pm-12:50pm (CHE 2108) Koutsoukos, A
Tu.....1:00pm- 1:50pm (CHE 2136) DIS
0102 TuTh.....12:00pm-12:50pm (CHE 2108) Koutsoukos, A
Tu.....4:00pm- 5:00pm (PHY 1402) DIS

BIOM405 Computer Applications in Biometrics; Grade Method: REG/P-F; Corequisite: BIOM 401. 1 credit

0101 Th.....5:00pm- 7:00pm (ANS 1109) LAB Johnson, A

BIOM802 Biostatistics II; Grade Method: REG/AUD; Prerequisite: BIOM 401 or equivalent. 3 credits

0101 TuTh.....2:00pm- 2:50pm (HJP 2242) Douglass, L
Th.....3:00pm- 3:50pm (HJP 2242) DIS

BIOM688A (PermReq) Topics in Biometrics: Consulting Experience in Biometrics; Grade Method: REG/AUD; 1-3 credits

0101 Time and room to be arranged Douglass, L

BIOM698 (PermReq) Special Problems in Biometrics; Grade Method: REG/AUD; 1-3 credits

0101 Time and room to be arranged Douglass, L

BMGT Business and Management (Business and Management)

BMGT110 Introduction to Business and Management; Grade Method: REG/P-F/AUD; Not open to BMGT majors with 66 hours or more completed. 3 credits

0101 TuTh.....2:00pm- 3:15pm (TYD 0130) Nickels, W

BMGT220 Principles of Accounting I; Grade Method: REG; Sophomore standing. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. 3 credits

0101 MW.....4:00pm- 5:15pm (TYD 0130) Rymer, V
Th.....9:00am- 9:50am (TAA 1130) DIS
0102 MW.....4:00pm- 5:15pm (TYD 0130) Rymer, V
Th.....10:00am-10:50am (TAA 1130) DIS
0103 MW.....4:00pm- 5:15pm (TYD 0130) Rymer, V
Th.....11:00am-11:50am (TAA 1130) DIS
0104 MW.....4:00pm- 5:15pm (TYD 0130) Rymer, V
Th.....12:00pm-12:50pm (TAA 1130) DIS
0105 MW.....4:00pm- 5:15pm (TYD 0130) Rymer, V
Th.....1:00pm- 1:50pm (TAA 1130) DIS
0106 MW.....4:00pm- 5:15pm (TYD 0130) Rymer, V
Th.....2:00pm- 2:50pm (TAA 1130) DIS
0107 MW.....4:00pm- 5:15pm (TYD 0130) Rymer, V
F.....9:00am- 9:50am (TAA 1130) DIS
0108 MW.....4:00pm- 5:15pm (TYD 0130) Rymer, V
F.....10:00am-10:50am (TAA 1130) DIS
0109 MW.....4:00pm- 5:15pm (TYD 0130) Rymer, V
F.....11:00am-11:50am (TAA 1130) DIS
0110 MW.....4:00pm- 5:15pm (TYD 0130) Rymer, V
F.....12:00pm-12:50pm (TAA 1130) DIS
0111 MW.....4:00pm- 5:15pm (TYD 0130) Rymer, V
F.....1:00pm- 1:50pm (TAA 1130) DIS
0112 MW.....4:00pm- 5:15pm (TYD 0130) Rymer, V
F.....2:00pm- 2:50pm (TAA 1130) DIS

BMGT221 Principles of Accounting II; Grade Method: REG; Prerequisite: BMGT 220. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. — 3 credits

0101	MW.....5:30pm- 6:45pm (TYD 0130)		Hardy, K
	M.....9:00am- 9:50am (TAA 1130)	DIS	
0102	MW.....5:30pm- 6:45pm (TYD 0130)		Hardy, K
	M.....10:00am-10:50am (TAA 1130)	DIS	
0103	MW.....5:30pm- 6:45pm (TYD 0130)		Hardy, K
	M.....11:00am-11:50am (TAA 1130)	DIS	
0104	MW.....5:30pm- 6:45pm (TYD 0130)		Hardy, K
	Tu.....9:00am- 9:50am (TAA 1130)	DIS	
0105	MW.....5:30pm- 6:45pm (TYD 0130)		Hardy, K
	Tu.....10:00am-10:50am (TAA 1130)	DIS	
0106	MW.....5:30pm- 6:45pm (TYD 0130)		Hardy, K
	Tu.....11:00am-11:50am (TAA 1130)	DIS	
0107	MW.....5:30pm- 6:45pm (TYD 0130)		Hardy, K
	W.....9:00am- 9:50am (TAA 1130)	DIS	
0108	MW.....5:30pm- 6:45pm (TYD 0130)		Hardy, K
	W.....10:00am-10:50am (TAA 1130)	DIS	
0109	MW.....5:30pm- 6:45pm (TYD 0130)		Hardy, K
	W.....11:00am-11:50am (TAA 1130)	DIS	
0110	MW.....5:30pm- 6:45pm (TYD 0130)		Hardy, K
	Th.....9:00am- 9:50am (COL 3111)	DIS	
0111	MW.....5:30pm- 6:45pm (TYD 0130)		Hardy, K
	Th.....10:00am-10:50am (COL 3112)	DIS	
0112	MW.....5:30pm- 6:45pm (TYD 0130)		Hardy, K
	Th.....11:00am-11:50am (COL 3111)	DIS	
0201	TuTh.....8:00am- 9:15am (TYD 0130)		Harris, R
	M.....12:00pm-12:50pm (TAA 1130)	DIS	
0202	TuTh.....8:00am- 9:15am (TYD 0130)		Harris, R
	M.....1:00pm- 1:50pm (TAA 1130)	DIS	
0203	TuTh.....8:00am- 9:15am (TYD 0130)		Harris, R
	M.....2:00pm- 2:50pm (TAA 1130)	DIS	
0204	TuTh.....8:00am- 9:15am (TYD 0130)		Harris, R
	Tu.....12:00pm-12:50pm (TAA 1130)	DIS	
0205	TuTh.....8:00am- 9:15am (TYD 0130)		Harris, R
	Tu.....1:00pm- 1:50pm (TAA 1130)	DIS	
0206	TuTh.....8:00am- 9:15am (TYD 0130)		Harris, R
	Tu.....2:00pm- 2:50pm (TAA 1130)	DIS	
0207	TuTh.....8:00am- 9:15am (TYD 0130)		Harris, R
	W.....12:00pm-12:50pm (TAA 1130)	DIS	
0208	TuTh.....8:00am- 9:15am (TYD 0130)		Harris, R
	W.....1:00pm- 1:50pm (TAA 1130)	DIS	
0209	TuTh.....8:00am- 9:15am (TYD 0130)		Harris, R
	W.....2:00pm- 2:50pm (TAA 1130)	DIS	
0210	TuTh.....8:00am- 9:15am (TYD 0130)		Harris, R
	Th.....12:00pm-12:50pm (JMZ 0103)	DIS	
0211	TuTh.....8:00am- 9:15am (TYD 0130)		Harris, R
	Th.....1:00pm- 1:50pm (JMZ 0103)	DIS	
0212	TuTh.....8:00am- 9:15am (TYD 0130)		Harris, R
	Th.....2:00pm- 2:50pm (JMZ 0208)	DIS	

BMGT230 Business Statistics; Grade Method: REG; Prerequisite: MATH 220. Not open to students who have completed BMGT 231, ENEE 324, or STAT 400. Credit will be granted for only one of the following: AREC 484, BIOM 301, BMGT 230, CNEC 400, ECON 321, EDMS 451, GEOG 305, GVPT 422, PSYC 200, SOCY 201, URBS 350, or TEXT 400. Where a BMGT exam conflicts with a regularly scheduled class, the student will be provided with a makeup exam. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (TYD 0130)		Widhelm, W
	M.....8:00am- 8:50am (TYD 2109)	DIS	
0102	TuTh.....12:30pm- 1:45pm (TYD 0130)		Widhelm, W
	Tu.....8:00am- 8:50am (TYD 2108)	DIS	
0103	TuTh.....12:30pm- 1:45pm (TYD 0130)		Widhelm, W
	Tu.....8:00am- 8:50am (TYD 0102)	DIS	
0104	TuTh.....12:30pm- 1:45pm (TYD 0130)		Widhelm, W
	F.....8:00am- 8:50am (TYD 0102)	DIS	
0105	TuTh.....12:30pm- 1:45pm (TYD 0130)		Widhelm, W
	F.....9:00am- 9:50am (TYD 0102)	DIS	
0106	TuTh.....12:30pm- 1:45pm (TYD 0130)		Widhelm, W
	F.....10:00am-10:50am (TYD 0102)	DIS	
0107	TuTh.....12:30pm- 1:45pm (TYD 0130)		Widhelm, W
	F.....11:00am-11:50am (TYD 0102)	DIS	
0108	TuTh.....12:30pm- 1:45pm (TYD 0130)		Widhelm, W
	F.....12:00pm-12:50pm (TYD 0102)	DIS	
0109	TuTh.....12:30pm- 1:45pm (TYD 0130)		Widhelm, W
	F.....1:00pm- 1:50pm (TYD 0102)	DIS	
0110	TuTh.....12:30pm- 1:45pm (TYD 0130)		Widhelm, W
	F.....2:00pm- 2:50pm (TYD 0102)	DIS	
0111	TuTh.....12:30pm- 1:45pm (TYD 0130)		Widhelm, W
	F.....3:00pm- 3:50pm (TYD 0102)	DIS	
0112	TuTh.....12:30pm- 1:45pm (TYD 0130)		Widhelm, W
	F.....4:00pm- 4:50pm (TYD 0102)	DIS	

BMGT231 Statistical Models For Business; Grade Method: REG; Prerequisite: MATH 141 or permission of department. For management science and statistics majors. Credit will be granted for only one of the following: BMGT 231, ENEE 324, or STAT 400. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (TYD 1114)	Kotz, S

BMGT301 Introduction to Data Processing; Grade Method: REG; This is a restricted course for BMGT majors and students with major codes 08380 and 0803H with 53 semester hours completed. All others must have authorization form. — 3 credits

0101	MW.....3:30pm- 4:45pm (SHM 2101)		Chaires Jr., J
	F.....8:00am- 8:50am (TYD 1118)	LAB	
0102	MW.....3:30pm- 4:45pm (SHM 2101)		Chaires Jr., J
	F.....9:00am- 9:50am (TYD 1118)	LAB	
0103	MW.....3:30pm- 4:45pm (SHM 2101)		Chaires Jr., J
	F.....12:00pm-12:50pm (TYD 1118)	LAB	
0104	MW.....3:30pm- 4:45pm (SHM 2101)		Chaires Jr., J
	F.....3:00pm- 3:50pm (TYD 1118)	LAB	
0201	TuTh.....8:00am- 9:15am (SHM 2101)		Spear, R
	F.....10:00am-10:50am (TYD 1118)	LAB	
0202	TuTh.....8:00am- 9:15am (SHM 2101)		Spear, R
	F.....11:00am-11:50am (TYD 1118)	LAB	
0203	TuTh.....8:00am- 9:15am (SHM 2101)		Spear, R
	F.....1:00pm- 1:50pm (TYD 1118)	LAB	
0204	TuTh.....8:00am- 9:15am (SHM 2101)		Spear, R
	F.....2:00pm- 2:50pm (TYD 1118)	LAB	

BMGT302 Information Systems Implementation Techniques; Grade Method: REG; Prerequisite: BMGT 301. This is a restricted course for BMGT majors and students with major code 08380 with 68 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....9:30am-10:45am (TYD 1118)	Spear, R
0201	MWF.....2:00pm- 2:50pm (TYD 1140)	Chaires Jr., J

BMGT310 Intermediate Accounting I; Grade Method: REG; Prerequisite: BMGT 221. This course is restricted to accounting majors with 53 hours completed. All others must have authorization. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. — 3 credits

0101	MW.....8:00am- 9:15am (TYD 2102)	Duvall, L
0201	MW.....9:30am-10:45am (TYD 2102)	Duvall, L
0301	MW.....2:00pm- 3:15pm (TYD 0102)	Main, D
0401	MW.....3:30pm- 4:45pm (TYD 2108)	Main, D

BMGT311 Intermediate Accounting II; Grade Method: REG; Prerequisite: BMGT 310. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. This course is restricted to accounting majors with 68 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....9:30am-10:45am (TYD 2110)	Jang, J
0201	TuTh.....11:00am-12:15pm (TYD 0111)	Jang, J
0301	MWF.....1:00pm- 1:50pm (TYD 2109)	Zieha, E
0401	MWF.....2:00pm- 2:50pm (TYD 0117)	Zieha, E

BMGT321 Cost Accounting; Grade Method: REG; Prerequisite: BMGT 221. This course is restricted to BMGT majors with 53 semester hours completed. All others must have authorization form. — 3 credits

0101	MWF.....9:00am- 9:50am (LEF 1221)	Amlie, T
0201	MWF.....10:00am-10:50am (TYD 1140)	Amlie, T
0301	TuTh.....8:00am- 9:15am (TYD 1140)	Coate, C
0401	TuTh.....11:00am-12:15pm (TYD 2110)	Loeb, M
0501	TuTh.....12:30pm- 1:45pm (TYD 1101)	Loeb, M

BMGT323 Income Tax Accounting; Grade Method: REG; Prerequisite: BMGT 221. This course is restricted to accounting majors with 53 semester hours completed. All others must have authorization form. — 3 credits

0101	MW.....11:00am-12:15pm (TYD 0102)	Pantalone Jr.,
0201	MW.....12:30pm- 1:45pm (TYD 0111)	Edelson, C
0301	TuTh.....2:00pm- 3:15pm (TYD 0102)	LeClere, M
0401	TuTh.....3:30pm- 4:45pm (TYD 0102)	LeClere, M

BMGT326 Accounting Systems; Grade Method: REG; Prerequisites: BMGT 301; and BMGT 321. This course is restricted to accounting majors with 74 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....9:30am-10:45am (TYD 0102)	Kandelin, N
0201	TuTh.....11:00am-12:15pm (TYD 0102)	Kandelin, N

BMGT332 Operations Research For Management Decisions; Grade Method: REG; Prerequisite: BMGT 230. Not for management science-statistics majors. This course is restricted to BMGT majors with 54 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....8:00am- 9:15am (TYD 0111)	Abdul-Wahab, F
0201	MWF.....11:00am-11:50am (TYD 1140)	Fromovitz, S
0301	MWF.....12:00pm-12:50pm (TYD 2109)	Fromovitz, S
0401	MWF.....3:00pm- 3:50pm (WDS 1114)	Fernandes, S
0501	MWF.....4:00pm- 4:50pm (TYD 2110)	Fernandes, S

BMGT340 Business Finance; Grade Method: REG; Prerequisites: BMGT 221; and BMGT 230; or BMGT 231. This course is restricted to BMGT majors and students with major code 0111C with 53 semester hours completed. All others must have authorization form. — 3 credits

0101	MW.....1:00pm- 2:15pm (TYD 0130)		Madan, D
	Th.....8:00am- 8:50am (TYD 0102)	DIS	
0102	MW.....1:00pm- 2:15pm (TYD 0130)		Madan, D
	F.....8:00am- 8:50am (TYD 0111)	DIS	
0103	MW.....1:00pm- 2:15pm (TYD 0130)		Madan, D
	F.....9:00am- 9:50am (TYD 0111)	DIS	
0104	MW.....1:00pm- 2:15pm (TYD 0130)		Madan, D
	F.....10:00am-10:50am (TYD 0111)	DIS	
0105	MW.....1:00pm- 2:15pm (TYD 0130)		Madan, D
	F.....11:00am-11:50am (TYD 0111)	DIS	
0106	MW.....1:00pm- 2:15pm (TYD 0130)		Madan, D
	F.....12:00pm-12:50pm (TYD 0111)	DIS	
0107	MW.....1:00pm- 2:15pm (TYD 0130)		Madan, D
	F.....12:00pm-12:50pm (TYD 1140)	DIS	
0108	MW.....1:00pm- 2:15pm (TYD 0130)		Madan, D
	F.....1:00pm- 1:50pm (TYD 1140)	DIS	
0109	MW.....1:00pm- 2:15pm (TYD 0130)		Madan, D
	F.....1:00pm- 1:50pm (TYD 0111)	DIS	
0110	MW.....1:00pm- 2:15pm (TYD 0130)		Madan, D
	F.....2:00pm- 2:50pm (TYD 0111)	DIS	
0111	MW.....1:00pm- 2:15pm (TYD 0130)		Madan, D
	F.....3:00pm- 3:50pm (TYD 0111)	DIS	
0112	MW.....1:00pm- 2:15pm (TYD 0130)		Madan, D
	F.....4:00pm- 4:50pm (TYD 0111)	DIS	

BMGT343 Investments; Grade Method: REG; Prerequisite: BMGT 340. This course is restricted to BMGT majors with 68 semester hours completed. All others must have authorization form. — 3 credits

0101	MW.....9:30am-10:45am (TYD 0102)	Tu, H
0201	TuTh.....9:30am-10:45am (TYD 2109)	Price, K
0301	TuTh.....11:00am-12:15pm (TYD 1140)	Chen, S
0401	M.....7:00pm- 9:40pm (TYD 2108)	Cheng, J

BMGT350 Marketing Principles and Organization; Grade Method: REG; Prerequisite: ECON 203; or ECON 205. This course is restricted to marketing majors with 53 semester hours completed. Other BMGT majors and students with major codes 0111C, 0602A, 0602F, 0803C, 08380, 1303A, 1303B, 1303E and 1304A must have 70 semester hours completed. All others must have authorization forms. — 3 credits

0101	TuTh.....9:30am-10:45am (TYD 0130)		Nickels, W
	M.....8:00am- 8:50am (TYD 2106)	DIS	
0102	TuTh.....9:30am-10:45am (TYD 0130)		Nickels, W
	Tu.....8:00am- 8:50am (TYD 1118)	DIS	
0103	TuTh.....9:30am-10:45am (TYD 0130)		Nickels, W
	F.....8:00am- 8:50am (TYD 2106)	DIS	
0104	TuTh.....9:30am-10:45am (TYD 0130)		Nickels, W
	F.....8:00am- 8:50am (TYD 2108)	DIS	
0105	TuTh.....9:30am-10:45am (TYD 0130)		Nickels, W
	F.....9:00am- 9:50am (TYD 2108)	DIS	
0106	TuTh.....9:30am-10:45am (TYD 0130)		Nickels, W
	F.....10:00am-10:50am (TYD 2108)	DIS	
0107	TuTh.....9:30am-10:45am (TYD 0130)		Nickels, W
	F.....11:00am-11:50am (TYD 2108)	DIS	
0108	TuTh.....9:30am-10:45am (TYD 0130)		Nickels, W
	F.....12:00pm-12:50pm (TYD 2108)	DIS	
0109	TuTh.....9:30am-10:45am (TYD 0130)		Nickels, W
	F.....1:00pm- 1:50pm (TYD 2108)	DIS	
0110	TuTh.....9:30am-10:45am (TYD 0130)		Nickels, W
	F.....2:00pm- 2:50pm (TYD 2108)	DIS	
0111	TuTh.....9:30am-10:45am (TYD 0130)		Nickels, W
	F.....3:00pm- 3:50pm (TYD 2108)	DIS	
0112	TuTh.....9:30am-10:45am (TYD 0130)		Nickels, W
	F.....4:00pm- 4:50pm (TYD 2108)	DIS	

BMGT353 Retail Management; Grade Method: REG; Prerequisites: BMGT 220; and BMGT 350. This course is restricted to BMGT majors and secondary education - marketing majors (0803C) with 68 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (TYD 1140)	Jolson, M
0201	TuTh.....3:30pm- 4:45pm (TYD 1140)	Jolson, M

BMGT354 Promotion Management; Grade Method: REG; Prerequisite: BMGT 350. This course is restricted to BMGT majors and students with major codes 0803C, 0602A, 0602F, 1303B, 1303E and 1304A with 68 semester hours completed. All others must have authorization form. — 3 credits

0101	MW.....8:00am- 9:15am (TYD 0111)	Lohtia, R
0201	MW.....9:30am-10:45am (TYD 0111)	Lohtia, R
0301	TuTh.....9:30am-10:45am (TLF 0101)	Beasley, F
0401	TuTh.....2:00pm- 3:15pm (JRN 1105)	Swope, D

BMGT360 Personnel Management; Grade Method: REG; This course is open to all students with 53 semester hours completed. — 3 credits

0101	TuTh.....3:30pm- 4:45pm (TYD 0130)		Morse, G
	M.....1:00pm- 1:50pm (TYD 2106)	LAB	
0102	TuTh.....3:30pm- 4:45pm (TYD 0130)		Morse, G
	M.....2:00pm- 2:50pm (WDS 0104)	LAB	
0103	TuTh.....3:30pm- 4:45pm (TYD 0130)		Morse, G
	M.....3:00pm- 3:50pm (TYD 2106)	LAB	
0104	TuTh.....3:30pm- 4:45pm (TYD 0130)		Morse, G
	F.....8:00am- 8:50am (TYD 2100)	LAB	
0105	TuTh.....3:30pm- 4:45pm (TYD 0130)		Morse, G
	F.....9:00am- 9:50am (TYD 2100)	LAB	
0106	TuTh.....3:30pm- 4:45pm (TYD 0130)		Morse, G
	F.....10:00am-10:50am (TYD 2100)	LAB	
0107	TuTh.....3:30pm- 4:45pm (TYD 0130)		Morse, G
	F.....11:00am-11:50am (TYD 2100)	LAB	
0108	TuTh.....3:30pm- 4:45pm (TYD 0130)		Morse, G
	F.....12:00pm-12:50pm (TYD 2100)	LAB	

BMGT362 Labor Relations; Grade Method: REG; This course is restricted to BMGT majors and students with major codes 0839A and 1307A with 53 semester hours completed. All others must have authorization form . — 3 credits

0101	TuTh.....8:00am- 9:15am (TYD 1102)	Kovach, K
0201	TuTh.....9:30am-10:45am (TYD 1128)	Kovach, K

BMGT364 Management and Organization Theory; Grade Method: REG; This course is restricted to BMGT majors and students with major codes 01110, 0111C, 1303B, and 1303E with 53 semester hours completed. All others must have authorization form. — 3 credits

0101	MW.....2:30pm- 3:45pm (TYD 0130)		Bartol, K
	M.....8:00am- 8:50am (TYD 0102)	LAB	
0102	MW.....2:30pm- 3:45pm (TYD 0130)		Bartol, K
	Th.....8:00am- 8:50am (TYD 2108)	LAB	
0103	MW.....2:30pm- 3:45pm (TYD 0130)		Bartol, K
	Th.....8:00am- 8:50am (TYD 1118)	LAB	
0104	MW.....2:30pm- 3:45pm (TYD 0130)		Bartol, K
	F.....8:00am- 8:50am (TYD 2102)	LAB	
0105	MW.....2:30pm- 3:45pm (TYD 0130)		Bartol, K
	F.....9:00am- 9:50am (TYD 2102)	LAB	
0106	MW.....2:30pm- 3:45pm (TYD 0130)		Bartol, K
	F.....10:00am-10:50am (TYD 2102)	LAB	
0107	MW.....2:30pm- 3:45pm (TYD 0130)		Bartol, K
	F.....11:00am-11:50am (TYD 2102)	LAB	
0108	MW.....2:30pm- 3:45pm (TYD 0130)		Bartol, K
	F.....12:00pm-12:50pm (TYD 2102)	LAB	
0109	MW.....2:30pm- 3:45pm (TYD 0130)		Bartol, K
	F.....1:00pm- 1:50pm (TYD 2106)	LAB	
0110	MW.....2:30pm- 3:45pm (TYD 0130)		Bartol, K
	F.....2:00pm- 2:50pm (LEF 1201)	LAB	
0111	MW.....2:30pm- 3:45pm (TYD 0130)		Bartol, K
	F.....3:00pm- 3:50pm (TYD 2102)	LAB	
0112	MW.....2:30pm- 3:45pm (TYD 0130)		Bartol, K
	F.....4:00pm- 4:50pm (TYD 2102)	LAB	

BMGT370 Principles of Transportation; Grade Method: REG; Prerequisite: ECON 203; or ECON 205. This course open to all students with 53 semester hours completed. — 3 credits

0101	MWF.....10:00am-10:50am (TYD 2109)	Grimm, C
0201	MWF.....11:00am-11:50am (TYD 2109)	Grimm, C
0301	TuTh.....2:00pm- 3:15pm (HZF 1102)	Dresner, M
0401	Tu.....3:30pm- 6:10pm (TYD 1101)	Gardner, L

BMGT372 Traffic and Physical Distribution Management; Grade Method: REG; Not open for credit to students who have credit for BMGT 371. This course is restricted to BMGT majors with 53 semester hours completed. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (WDS 0104)	Jarrell, J
0201	TuTh.....3:30pm- 4:45pm (TYD 2109)	Jarrell, J
0301	MW.....2:00pm- 3:15pm (MJP 1229)	McGinnis, M

BMGT380 Business Law I; Grade Method: REG; This course is restricted to BMGT majors and students with major codes 0111C, 0803C, 0803H and 08380 with 53 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....8:00am- 9:15am (TYD 0117)	Goldman, R
0201	TuTh.....2:00pm- 3:15pm (TYD 0117)	Ostas, D
0301	TuTh.....3:30pm- 4:45pm (TYD 0117)	Ostas, D
0401	MW.....3:30pm- 4:45pm (TYD 0117)	Jones, R

BMGT381 Business Law II; Grade Method: REG; Prerequisite: BMGT 380 or permission of department. This course is restricted to BMGT majors with 68 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....9:30am-10:45am (TYD 0117)	Stockdale, D
0201	TuTh.....12:30pm- 1:45pm (TYD 0117)	Stockdale, D

BMGT385 Production Management; Grade Method: REG; This course is restricted to BMGT majors and students with major code 0839A and 0111C with 53 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (TYD 0111)	Assad, A
	F.....8:00am- 8:50am (TYD 0101)	DIS

BMGT388 (PermReq) Field Work; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BMGT389 (PermReq) Field Work Analysis; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BMGT392 Introduction to International Business Management; Grade Method: REG; Prerequisite: ECON 203; or ECON 205. Restricted to BMGT majors with 68 semester hours completed. All others must have authorization form. — 3 credits

0101	MW.....2:00pm- 3:15pm (TYD 2109)	Jones, R

BMGT398 (PermReq) Individual Study in Business and Management; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BMGT402 Database and Data Communication Systems; Grade Method: REG; Prerequisite: BMGT 302. This course is restricted to BMGT majors with 86 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (HZF 1106)	Choi, J

BMGT403 Systems Analysis; Grade Method: REG; Prerequisite: BMGT 402. Restricted to BMGT majors only with 85 semester hours completed. — 3 credits

0101	TuTh.....8:00am- 9:15am (TYD 2109)	Datta, S

BMGT404 Seminar in Decision Support Systems; Grade Method: REG; Prerequisite: BMGT 301. Restricted to BMGT majors with 72 semester hours completed. — 3 credits

0101	TuTh.....3:30pm- 4:45pm (TYD 2108)	Basu, A

BMGT417 Advanced Tax Accounting; Grade Method: REG; Prerequisites: BMGT 311; and BMGT 323. This course is restricted to accounting majors with 87 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (TYD 1140)	Harris, R
0201	TuTh.....3:30pm- 4:45pm (TYD 2111)	Harris, R
0301	MW.....3:30pm- 4:45pm (TYD 2111)	Pantalone Jr.,

BMGT422 Auditing Theory and Practice; Grade Method: REG; Prerequisite: BMGT 311. This is a restricted course for accounting majors. All other majors must have authorization form. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. — 3 credits

0101	MW.....11:00am-12:15pm (TYD 0111)	Rossel, R
0201	MW.....12:30pm- 1:45pm (TYD 0102)	Rossel, R
0301	M.....7:00pm- 9:40pm (TYD 2106)	Voss, J

BMGT424 Advanced Accounting; Grade Method: REG; Prerequisite: BMGT 311. This is a restricted course for accounting majors. All other majors must have authorization form. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. — 3 credits

0101	MWF.....8:00am- 8:50am (TYD 1140)	Manchester, J
0201	MWF.....9:00am- 9:50am (TYD 1140)	Manchester, J

BMGT430 Linear Statistical Models in Business; Grade Method: REG; Prerequisite: BMGT 230 or BMGT 231 or permission of department. This course is restricted to BMGT majors with 87 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (TYD 2109)	STAFF
0201	MW.....2:00pm- 3:15pm (TYD 2108)	Grimshaw, S

BMGT434 Introduction to Optimization Theory; Grade Method: REG; Prerequisite: MATH 220; or permission of department. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization form. — 3 credits

0101	MW.....9:30am-10:45am (TYD 2108)	Lin, F
	M.....8:00am- 8:50am (TYD 2108)	DIS

BMGT435 Introduction to Applied Probability Models; Grade Method: REG; Prerequisite: BMGT 231 or permission of department. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization form. — 3 credits

0101	MW.....3:30pm- 4:30pm (JRN 1105)	Fu, M
	W.....8:00am- 8:50am (TYD 2108)	DIS

BMGT440 Financial Management; Grade Method: REG; Prerequisite: BMGT 340. This course is restricted to BMGT majors with 85 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....8:00am- 9:15am (TYD 1132)	Price, K
0201	TuTh.....9:30am-10:45am (TYD 1132)	Embersit, J
0301	MW.....3:30pm- 4:45pm (TYD 0111)	Bhaumik, A
0401	M.....7:00pm- 9:40pm (TYD 0111)	Bhaumik, A

BMGT443 Security Analysis and Valuation; Grade Method: REG; Prerequisite: BMGT 343. This course is restricted to BMGT majors with 85 semester hours completed. All others must have authorization form. — 3 credits

0101	MW.....2:00pm- 3:15pm (TYD 0111)	Haslem, J

BMGT444 Futures Contracts and Options; Grade Method: REG; Prerequisite: BMGT 343. This course is restricted to finance majors with 72 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....3:30pm- 4:45pm (TYD 1128)	Chang, E

BMGT445 Commercial Bank Management; Grade Method: REG; Prerequisites: BMGT 340; and ECON 430. This course is restricted to finance majors with 87 semester hours completed. All others must have authorization form. — 3 credits

0101	M.....4:00pm- 6:40pm (TYD 1140)	Hirschhorn, E

BMGT451 Consumer Analysis; Grade Method: REG; Prerequisite: BMGT 350. Recommended: PSYC 100; and PSYC 221. Not open to students who have completed CNEC 437. Credit will be granted for only one of the following: BMGT 451 or CNEC 437. This course is restricted to BMGT majors and students with major codes 0602A and 0602F with 68 hours completed. All others must have authorization form. — 3 credits

0101	MW.....8:00am- 9:15am (TYD 1118)	Durand, R
0201	TuTh.....11:00am-12:15pm (TYD 2109)	Hanson, C
0301	TuTh.....12:30pm- 1:45pm (TYD 2108)	Baxter, M
0401	MWF.....3:00pm- 3:50pm (TYD 1140)	Welsh, K

BMGT452 Marketing Research Methods; Grade Method: REG; Prerequisites: BMGT 230; and BMGT 451. Formerly BMGT 450. This course is restricted to marketing majors with 72 semester hours completed. Recommended that BMGT 430 be taken prior to this course. All others must have authorization form. — 3 credits

0101	TuTh.....9:30am-10:45am (TYD 0111)	Seshadri, S
0201	TuTh.....12:30pm- 1:45pm (TYD 2106)	Seshadri, S

0301 MW.....12:30pm- 1:45pm (TYD 2108) Calfee, J

BMGT454 International Marketing; Grade Method: REG; Prerequisites: BMGT 350 plus one other marketing course. This course is restricted to BMGT majors with 72 semester hours completed. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 2108) Greer, T

BMGT455 Sales Management; Grade Method: REG; Prerequisite: BMGT 350. This course is open to BMGT majors and students with major code 0803C with 68 semester hours completed. 3 credits
0101 TuTh.....3:30pm- 4:45pm (TYD 0111) Poist, H

BMGT456 Advertising; Grade Method: REG; Prerequisite: BMGT 350. This course is restricted to BMGT majors and students with major codes 1303A, 1303B, and 1303E with 68 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2108) Poist, H
0201 TuTh.....11:00am-12:15pm (TLF 0101) Stephens, D

BMGT457 Marketing Policies and Strategies; Grade Method: REG; Prerequisite: BMGT 452. This course is restricted to marketing majors with 102 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 2110) Poist, H
0201 TuTh.....2:00pm- 3:15pm (TYD 2110) Poist, H
0301 MW.....12:30pm- 1:45pm (TYD 1140) Ali, A
0401 MW.....3:30pm- 4:45pm (TYD 2109) Ali, A

BMGT460 Personnel Management: Analysis and Problems; Grade Method: REG; Prerequisite: BMGT 360. Recommended: BMGT 230. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization form. 3 credits
0101 MW.....4:00pm- 5:15pm (TYD 2106) Taylor, M

BMGT462 Labor Legislation; Grade Method: REG; This course is restricted to BMGT majors with 72 credit hours completed. All others must have authorization form. 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 2108) Levine, M

BMGT464 Organizational Behavior; Grade Method: REG; Prerequisite: BMGT 364. This course is restricted to BMGT majors with 72 credit hours completed. All others must have authorization form. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 0111) Sims, H

BMGT470 Carrier Management; Grade Method: REG; Prerequisites: BMGT 370; and BMGT 372. This course is open to all students with 72 semester hours completed. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2140) Taff, C

BMGT475 Advanced Logistics Management; Grade Method: REG; Prerequisites: BMGT 370; and BMGT 372. Open to transportation majors with 72 semester hours completed. All others must have authorization form. 3 credits
0101 M.....3:30pm- 6:10pm (TYD 1132) McGinnis, M

BMGT476 Applied Computer Models in Transportation and Logistics; Grade Method: REG; Prerequisites: BMGT 370; and BMGT 372. Open to transportation majors with 72 semester hours completed. All others need authorization form. 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 1136) Dresner, M

BMGT477 International Transportation and Logistics; Grade Method: REG; Prerequisites: BMGT 370; and BMGT 372. This course is open to transportation majors only. All others must have authorization form. 3 credits
0101 Th.....3:30pm- 6:10pm (TYD 0101) Gardner, L

BMGT482 Business and Government; Grade Method: REG; Prerequisite: ECON 203; or ECON 205. This course is restricted to BMGT majors. All others must have authorization form. 3 credits
0101 TuTh.....3:30pm- 4:45pm (TYD 2106) McLaughlin, F

BMGT495 Business Policies; Grade Method: REG; Prerequisites: BMGT 340; and BMGT 350; and BMGT 364. Open only to graduating seniors in business and management. This is a restricted course for BMGT majors with 102 hours completed. All others must have authorization form. 3 credits
0101 MWF.....8:00am- 8:50am (TYD 1108) Renard, M
0201 MWF.....9:00am- 9:50am (TYD 1108) Renard, M
0301 MWF.....10:00am-10:50am (TYD 1108) Renard, M
0401 MWF.....11:00am-11:50am (TYD 1108) Cummins, M
0501 MWF.....12:00pm-12:50pm (TYD 1108) Cummins, M
0601 MWF.....1:00pm- 1:50pm (TYD 1108) Cummins, M
0701 MWF.....2:00pm- 2:50pm (TYD 1108) Ostrow, M
0801 MWF.....3:00pm- 3:50pm (TYD 1108) Ostrow, M
0901 TuTh.....8:00am- 9:15am (TYD 1108) Lee, H
1001 TuTh.....9:30am-10:45am (TYD 1108) Kinlein, B
1101 TuTh.....11:00am-12:15pm (TYD 1108) Kinlein, B
1201 TuTh.....12:30pm- 1:45pm (TYD 1108) Smith, K
1301 TuTh.....2:00pm- 3:15pm (TYD 1108) Winstead, W
1401 TuTh.....3:30pm- 4:45pm (TYD 1108) Winstead, W

BMGT495A Business Policies; Grade Method: REG; Prerequisites: BMGT 340; and BMGT 350; and BMGT 364. Special section on small business problems. This is a restricted course for BMGT majors with 102 hours completed. All others must have authorization form. BMGT 495A is designed to provide the study of policy decision making in a small business environment. The course involves case studies of actual management problems provided by the Small Business Administration. Members of the class, in teams, investigate and recommend solutions for real world problems to the owner/manager of the firm. 3 credits
0101 W.....4:00pm- 6:40pm (TYD 1108) Schomburg, A

BMGT496 Business and Society; Grade Method: REG; Prerequisite: one course in BMGT; or permission of department. This course is open to all students with 72 semester hours completed. 3 credits
0101 MW.....11:00am-12:15pm (TYD 2108) Jones, R

BMGT498M (PermReq) Special Topics in Business and Management: Accounting, Budgeting and Planning; Grade Method: REG/P-F; By permission of Arts and Humanities College Office only. 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 0208) Fettus, S

BMGT498X Special Topics in Business and Management: Professionalism and Ethics in Accounting; Grade Method: REG/AUD; This course restricted to accounting majors with 72 hours completed. All others need authorization. 3 credits
0101 MW.....3:30pm- 4:45pm (TYD 0102) Loeb, S

BMGT498Y (PermReq) Special Topics in Business and Management: Analytical Problem Solving; Grade Method: REG/P-F; By permission of Arts and Humanities College Office only. 3 credits
0101 Tu.....3:30pm- 5:30pm (TYD 2100) Stockdale, D
Th.....3:30pm- 4:30pm (TYD 2100)

BMGT611 (PermReq) Managerial Accounting I; Grade Method: REG/AUD; Prerequisite: BMGT 610. Majors only until first day of classes. 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 1118) Bedingfield, J
0201 TuTh.....12:30pm- 1:45pm (TYD 1118) Bedingfield, J
0301 MW.....12:30pm- 1:45pm (TYD 1118) Schick, A
0401 M.....7:00pm- 9:40pm (TYD 0117) Schick, A
0501 Tu.....7:00pm- 9:40pm (TYD 2108) Gandhi, N
0601 Th.....7:00pm- 9:40pm (TYD 1118) Grimshaw, A

BMGT620 (PermReq) Management Information Systems; Grade Method: REG/AUD; Majors only until the first day of class. 3 credits
0101 M.....7:00pm- 9:40pm (TYD 1108) Alavi, M
0201 Tu.....7:00pm- 9:40pm (TYD 0111) STAFF
0301 W.....7:00pm- 9:40pm (TYD 0117) Betts, D

BMGT631 (PermReq) Operations Research and Management; Grade Method: REG/AUD; Prerequisite: BMGT 630. Majors only until first day of classes. 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 2102) Kaku, B
0201 MW.....11:00am-12:15pm (TYD 2102) Nag, B
0301 MW.....3:00pm- 4:15pm (TYD 1102) Gass, S

BMGT640 (PermReq) Financial Management; Grade Method: REG/AUD; Prerequisites: BMGT 610; and BMGT 630. Majors only until first day of classes. 3 credits
0101 MW.....9:30am-10:45am (TYD 1118) Soubra, B
0201 MW.....11:00am-12:15pm (TYD 1118) Soubra, B
0301 Tu.....7:00pm- 9:40pm (TYD 1118) Senbet, L

BMGT650 (PermReq) Marketing Management; Grade Method: REG/AUD; Majors only until first day of classes. 3 credits
0101 M.....7:00pm- 9:40pm (TYD 1118) Krapfel, R
0201 Tu.....7:00pm- 9:40pm (TYD 0117) Biehal, G
0301 W.....7:00pm- 9:40pm (TYD 2102) Biehal, G

BMGT660 (PermReq) Management and Organizational Behavior; Grade Method: REG/AUD; Majors only until first day of classes. 3 credits
0101 TuTh. .....9:30am-10:45am (TYD 2102) Gannon, M
0201 MW.....12:30pm- 1:45pm (TYD 2102) Carroll Jr., S
0301 MW.....2:00pm- 3:15pm (TYD 2102) Carroll Jr., S

BMGT661 (PermReq) Human Resources Management; Grade Method: REG/AUD; Majors only until first day of classes. 3 credits
0101 W.....7:00pm- 9:40pm (TYD 0101) Olian, J

BMGT671 (PermReq) Managerial Economics; Grade Method: REG/AUD; Majors only until first day of classes. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 0102) Scheraga, C
0201 TuTh.....2:00pm- 3:15pm (TYD 2109) Scheraga, C
0301 TuTh.....3:30pm- 4:45pm (TYD 1118) Windle, R
0401 M.....7:00pm- 9:40pm (TYD 2100) Simon, J
0501 Tu.....7:00pm- 9:40pm (TYD 0102) Windle, R
0601 W.....7:00pm- 9:40pm (TYD 1128) Huneke, W

BMGT672 (PermReq) Physical Distribution Management; Grade Method: REG/AUD; Majors only until first day of classes. 3 credits
0101 W.....7:00pm- 9:40pm (TYD 0111) Poist, R

BMGT680 (PermReq) Business and Public Policy; Grade Method: REG/AUD; Prerequisite: BMGT 670. Majors only until the first day of class. 3 credits
0101 Tu.....7:00pm- 9:40pm (TYD 2102) Scott, R
0201 W.....7:00pm- 9:40pm (TYD 1118) Scott, R

BMGT690 (PermReq) Strategic Management; Grade Method: REG/AUD; Prerequisites: permission of department; and completion of all other MBA core courses before registering for this course. Majors only until first day of classes. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 2102) Smith, K
0201 MW.....2:00pm- 3:15pm (TYD 1118) Gupta, A
0301 MW.....3:30pm- 4:45pm (TYD 1118) Gupta, A

BMGT702 (PermReq) Applied Security Analysis and Portfolio Management; Grade Method: REG/AUD; Prerequisites: BMGT 640; and BMGT 743; and permission of department. 3 credits
0101 MW.....3:30pm- 4:45pm (TYD 2140) Haslem, J

BMGT711 (PermReq) Advanced Managerial Accounting; Grade Method: REG; Prerequisites: permission of department; and completion of all first year MBA courses before registering for this course. 3 credits
0101 M.....7:00pm- 9:40pm (TYD 2102) Gordon, L

BMGT721 (PermReq) File Processing and Database Systems; Grade Method: REG/AUD; Prerequisite: permission of department. Majors only until first day of classes. 3 credits
0101 Th.....7:00pm- 9:40pm (TYD 0117) Basu, A

BMGT725 (PermReq) Information Systems Analysis and Design; Grade Method: REG/AUD; Prerequisite: BMGT 620; or BMGT 721. 3 credits
0101 M.....7:00pm- 9:40pm (TYD 0102) Hevner, A

BMGT726 (PermReq) Distributed Data Processing; Grade Method: REG/AUD; Prerequisite: BMGT 620; or BMGT 721. Majors only until first day of classes. 3 credits
0101 Tu.....7:00pm- 9:40pm (TYD 1108) Raschid, L

BMGT727 (PermReq) Security and Control of Information Systems; Grade Method: REG/AUD; Prerequisite: BMGT 620; or BMGT 721. 3 credits
0101 W.....7:00pm- 9:40pm (TYD 1140) Campbell, J

BMGT733 (PermReq) Managerial Statistics II; Grade Method: REG/AUD; Prerequisite: BMGT 630 or equivalent. 3 credits
0101 W.....4:00pm- 6:40pm (TYD 2100) Grimshaw, S

BMGT741 (PermReq) Advanced Financial Management; Grade Method: REG/AUD; Prerequisite: BMGT 640. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 2102) Chen, S

BMGT743 (PermReq) Investment Management; Grade Method: REG/AUD; Prerequisite: BMGT 640. Majors only until first day of classes. 3 credits
0101 MW.....3:30pm- 4:45pm (TYD 0101) Eun, C

BMGT744 (PermReq) Futures Contracts and Options Management; Grade Method: REG/AUD; Prerequisites: BMGT 640. 3 credits
0101 Tu.....7:00pm- 9:40pm (TYD 1140) Chang, E

BMGT745 (PermReq) Financial Institutions Management; Grade Method: REG/AUD; Prerequisite: BMGT 640. Majors only until first day of classes. 3 credits
0101 M.....7:00pm- 9:40pm (TYD 1128) Hirschhorn, E

BMGT746 (PermReq) International Financial Management; Grade Method: REG/AUD; Prerequisite: BMGT 640. 3 credits
0101 W.....7:00pm- 9:40pm (TYD 2106) Eun, C

BMGT752 (PermReq) Marketing Research Methods; Grade Method: REG/AUD; Prerequisites: BMGT 630; and BMGT 650. Majors only until the first day of class. 3 credits
0101 Th.....7:00pm- 9:40pm (TYD 2106) Calfee, J

BMGT753 (PermReq) International Marketing; Grade Method: REG/AUD; Prerequisite: BMGT 650. 3 credits
0101 Tu.....7:00pm- 9:40pm (TYD 2106) Greer, T

BMGT762 (PermReq) Problems and Issues in Collective Bargaining; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:40pm (TYD 0101) Levine, M

BMGT765 (PermReq) Application of Behaviorial Science to Business; Grade Method: REG/AUD; Prerequisite: BMGT 660. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 1118) Gannon, M

BMGT773 (PermReq) Transportation Strategies; Grade Method: REG/AUD; Prerequisite: BMGT 672. 3 credits
0101 MW.....2:00pm- 3:15pm (TYD 1132) Corsi, T

BMGT780 (PermReq) New Venture Creation; Grade Method: REG/AUD; Prerequisite: completion of MBA core requirements or permission of department. 3 credits
0101 M.....7:00pm- 9:40pm (TYD 2110) Abraham, D

BMGT782 (PermReq) Corporate Venturing and Intrepreneurship; Grade Method: REG/AUD; Prerequisite: completion of MBA core or permission of department. 3 credits
0101 Th.....4:00pm- 6:40pm (TYD 2102) Miller, R

BMGT791 (PermReq) MBA Field Project; Grade Method: REG/AUD; Indivadual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of department. Students may register only with written permission of course coordinator. 3 credits

BMGT794 (PermReq) The Environment of International Business; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:40pm (TYD 2140) Preston, L

BMGT798A (PermReq) Special Topics in Business and Management: Advanced Topics in Linear Programming; Grade Method: REG/AUD; Majors only until first day of classes. 3 credits
0101 M.....4:20pm- 7:00pm (TYD 1108) Gass, S

BMGT798B (PermReq) Special Topics in Business and Management: Advanced Logistics Management; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:40pm (TYD 2140) Poist, R

BMGT798C (PermReq) Special Topics in Business and Management: Auditing; Grade Method: REG/AUD; Majors only until first day of classes. 3 credits
0101 Th.....7:00pm- 9:40pm (TYD 1108) STAFF

BMGT798D (PermReq) Special Topics in Business and Management: Industrial Marketing; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:40pm (TYD 2111) Krapfel, R

BMGT798F Special Topics in Business and Management: 3 credits
(PermReq) International Taxation of Business Transactions; Grade Method: REG/AUD;
0101 W.....7:00pm- 9:40pm (TYD 2110) Pantalone Jr.,

BMGT798G (PermReq) Special Topics in Business and Management: Manufacturing Strategies and Operations; Grade Method: REG/AUD; Team taught by Dr. Assad and Dr. Kaku. 3 credits
0101 Th.....7:00pm- 9:40pm (TYD 1140) Assad, A

BMGT798I (PermReq) Special Topics in Business and Management: Business Law; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Leete, B

BMGT798O (PermReq) Special Topics in Business and Management: Telecommunications; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (TYD 2108) Pearce, D

BMGT799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Restricted to grad business majors. 1-6 credits

BMGT808A (PermReq) Doctoral Seminar: Consumer Behavior; Grade Method: REG/AUD; 3 credits
0101 M.....6:30pm- 9:10pm (TYD 1136) Stephens, D

BMGT821 (PermReq) Seminar in Management Accounting; Grade Method: REG/AUD; Prerequisite: BMGT 711 or equivalent. 3 credits
0101 M.....12:30pm- 3:10pm (TYD 1136) Gordon, L

BMGT824 (PermReq) Database Systems Architecture; Grade Method: REG/AUD; Prerequisite: BMGT 721. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 2140) Yao, S

BMGT828 (PermReq) Independent Study in Business and Management; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. MBA students may register only with written permission of Mary Anne Waikart, Masters Program Director. Ph.D. students may register only with written permission of Dr. Alt, Director of Graduate Studies. Restricted to grad business majors. 1-9 credits

BMGT831 (PermReq) Operations Research: Extension of Linear Programming and Network Analysis; Grade Method: REG/AUD; Prerequisite: BMGT 830 or equivalent; or permission of department. Majors only until first day of classes. 3 credits
0101 Tu.....4:00pm- 6:40pm (TYD 2102) Golden, B

BMGT835 (PermReq) Simulation and Design of Experiments; Grade Method: REG/AUD; Prerequisites: knowledge of Fortran programming; [BMGT 630; and BMGT 631 or equivalent] or permission of department. 3 credits
0101 Th.....7:00pm- 9:40pm (TYD 2102) Fu, M

BMGT845 (PermReq) Seminar in Financial Institutions and Markets; Grade Method: REG/AUD; Prerequisite: permission of department. 3 credits
0101 W.....12:00pm- 2:40pm (TYD 1136) Unal, H

BMGT861 (PermReq) Seminar in Performance Appraisal and Training; Grade Method: REG/AUD; Prerequisite: BMGT 760 or permission of department. 3 credits
0101 W.....7:00pm- 9:40pm (TYD 2140) Taylor, M

BMGT864 (PermReq) Seminar in Interpersonal Relations and the Group Process in Organizations; Grade Method: REG/AUD; Prerequisite: BMGT 764 or equivalent; or permission of department. 3 credits
0101 Th.....7:00pm- 9:40pm (TYD 2100) Sims, H

BMGT880 (PermReq) Business Research Methodology; Grade Method: REG/AUD; 3 credits
0101 W.....1:00pm- 3:40pm (TYD 2100) Olian, J

BMGT883 (PermReq) Applied Multivariate Analysis II; Grade Method: REG/AUD; Prerequisite: BMGT 882. 3 credits
0101 Th.....4:00pm- 6:40pm (TYD 1114) Kotz, S

BMGT884 (PermReq) Univariate Forecasting Models; Grade Method: REG/AUD; Prerequisite: BMGT 630 or equivalent. 3 credits
0101 M.....7:00pm- 9:40pm (TYD 1140) Alt, F

BMGT886 (PermReq) Statistical Quality Control; Grade Method: REG/AUD; Prerequisite: BMGT 733 or equivalent. 3 credits
0101 Tu.....7:00pm- 9:40pm (TYD 2100) Alt, F

BMGT899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

BOTN Botany (Life Sciences)

BOTN100 General Botany For Non-Science Students; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Credit will be granted for only one of the following: BOTN 100 or BOTN 101. 4 credits
1001 TuTh.....11:00am-11:50am (HJP 0226) Van Valkenburg,
TuTh.....8:00am-10:00am (HJP 3104) LAB
1002 TuTh.....11:00am-11:50am (HJP 0226) Van Valkenburg,
MW.....4:00pm- 6:00pm (HJP 3104) LAB
1003 TuTh.....11:00am-11:50am (HJP 0226) Van Valkenburg,
MF.....10:00am-12:00pm (HJP 3104) LAB
1004 TuTh.....11:00am-11:50am (HJP 0226) Van Valkenburg,
MW.....2:00pm- 4:00pm (HJP 3104) LAB
1005 TuTh.....11:00am-11:50am (HJP 0226) Van Valkenburg,
TuTh.....4:00pm- 6:00pm (HJP 3104) LAB
1006 TuTh.....11:00am-11:50am (HJP 0226) Van Valkenburg,
MF.....10:00am-12:00pm (HJP 3127) LAB
1007 TuTh.....11:00am-11:50am (HJP 0226) Van Valkenburg,
TuTh.....12:00pm- 2:00pm (HJP 3104) LAB
1008 TuTh.....11:00am-11:50am (HJP 0226) Van Valkenburg,
MF.....12:00pm- 2:00pm (HJP 3104) LAB
1009 TuTh.....11:00am-11:50am (HJP 0226) Van Valkenburg,
MF.....8:00am-10:00am (HJP 3104) LAB
1010 TuTh.....11:00am-11:50am (HJP 0226) Van Valkenburg,
TuTh.....2:00pm- 4:00pm (HJP 3104) LAB
2001 MW.....10:00am-10:50am (HJP 0226) Gantt, E
MF.....8:00am-10:00am (HJP 3127) LAB
2002 MW.....10:00am-10:50am (HJP 0226) Gantt, E
TuTh.....4:00pm- 6:00pm (HJP 3127) LAB
2003 MW.....10:00am-10:50am (HJP 0226) Gantt, E
MF.....12:00pm- 2:00pm (HJP 3127) LAB
2004 MW.....10:00am-10:50am (HJP 0226) Gantt, E
MW.....2:00pm- 4:00pm (HJP 3127) LAB
2005 MW.....10:00am-10:50am (HJP 0226) Gantt, E
TuTh.....8:00am-10:00am (HJP 3127) LAB
2006 MW.....10:00am-10:50am (HJP 0226) Gantt, E
TuTh.....10:00am-12:00pm (HJP 3127) LAB
2007 MW.....10:00am-10:50am (HJP 0226) Gantt, E
MW.....4:00pm- 6:00pm (HJP 3127) LAB
2008 MW.....10:00am-10:50am (HJP 0226) Gantt, E
TuTh.....10:00am-12:00pm (HJP 3104) LAB
2009 MW.....10:00am-10:50am (HJP 0226) Gantt, E
TuTh.....2:00pm- 4:00pm (HJP 3127) LAB
2010 MW.....10:00am-10:50am (HJP 0226) Gantt, E
TuTh.....10:00am-12:00pm (HJP 1125) LAB
3001 TuTh.....10:00am-10:50am (HJP 0226) Van Valkenburg,
MF.....8:00am-10:00am (HJP 1125) LAB
3002 TuTh.....10:00am-10:50am (HJP 0226) Van Valkenburg,
TuTh.....4:00pm- 6:00pm (HJP 1125) LAB
3003 TuTh.....10:00am-10:50am (HJP 0226) Van Valkenburg,
MF.....10:00am-12:00pm (HJP 1125) LAB
3004 TuTh.....10:00am-10:50am (HJP 0226) Van Valkenburg,
MF.....12:00pm- 2:00pm (HJP 1125) LAB
3005 TuTh.....10:00am-10:50am (HJP 0226) Van Valkenburg,
MW.....4:00pm- 6:00pm (HJP 1125) LAB
3006 TuTh.....10:00am-10:50am (HJP 0226) Van Valkenburg,
TuTh.....8:00am-10:00am (HJP 1125) LAB
3007 TuTh.....10:00am-10:50am (HJP 0226) Van Valkenburg,
TuTh.....12:00pm- 2:00pm (HJP 1125) LAB
3008 TuTh.....10:00am-10:50am (HJP 0226) Van Valkenburg,
TuTh.....12:00pm- 2:00pm (HJP 3127) LAB
3009 TuTh.....10:00am-10:50am (HJP 0226) Van Valkenburg,
TuTh.....2:00pm- 4:00pm (HJP 1125) LAB
3010 TuTh.....10:00am-10:50am (HJP 0226) Van Valkenburg,
MW.....2:00pm- 4:00pm (HJP 1125) LAB

BOTN202 Plant Kingdom; Grade Method: REG/P-F/AUD; Prerequisite: BIOL 105 or permission of department. 4 credits
0101 MW.....10:00am-10:50am (HJP 2242) Koines, P
MW.....12:00pm- 2:00pm (HJP 2226) LAB
0102 MW.....10:00am-10:50am (HJP 2242) Koines, P
MW.....2:00pm- 4:00pm (HJP 2226) LAB
0103 MW.....10:00am-10:50am (HJP 2242) Koines, P
TuTh.....10:00am-12:00pm (HJP 2226) LAB

0104 MW.....10:00am-10:50am (HJP 2242) Koines, P
TuTh.....12:00pm- 2:00pm (HJP 2226) LAB
0105 MW.....10:00am-10:50am (HJP 2242) Koines, P
TuTh.....2:00pm- 4:00pm (HJP 2226) LAB

BOTN212 Plant Taxonomy; Grade Method: REG/P-F/AUD; Prerequisite: BIOL 105 or permission of department. 4 credits
0101 MW.....9:00am- 9:50am (HJP 2242) Reveal, J
MW.....10:00am-12:00pm (HJP 1105) LAB
0102 MW.....9:00am- 9:50am (HJP 2242) Reveal, J
MW.....12:00pm- 2:00pm (HJP 1105) LAB

BOTN379 (PermReq) Honors Research Problems in Botany; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BOTN396 Seminar; Grade Method: REG/P-F/AUD; 1 credit
0101 F.....10:00am-10:50am (HJP 1229) Van Valkenburg,

BOTN399 (PermReq) Research Problems in Botany; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BOTN403 Medicinal and Poisonous Plants; Grade Method: REG/P-F/AUD; Prerequisite: BIOL 105 and CHEM 104. 2 credits
0101 TuTh.....9:00am- 9:50am (HJP 1229) Lockard, J

BOTN405 Advanced Plant Taxonomy; Grade Method: REG; Prerequisite: BOTN 202; and BOTN 212, or equivalent. 3 credits
0101 TuTh.....12:00pm-12:50pm (HJP 1229) Reveal, J
F.....9:00am-12:00pm (HJP 1105) LAB

BOTN414 Plant Genetics; Grade Method: REG/P-F/AUD; Prerequisite: BIOL 105. Credit will be granted for only one of the following: ZOOL 213, ANSC 201, BOTN 414, HORT 274. 3 credits
0101 MWF.....12:00pm-12:50pm (HJP 2242) Bottino, P

BOTN462 Plant Ecology; Grade Method: REG/P-F/AUD; Prerequisite: BIOL 105. 2 credits
0101 TuTh.....9:00am- 9:50am (HJP 2242) Forseth Jr., I

BOTN463 Ecology of Marsh and Dune Vegetation; Grade Method: REG/P-F/AUD; Prerequisite: BIOL 105. 2 credits
0101 TuTh.....11:00am-11:50am (HJP 2242) Higgins, E

BOTN464 Plant Ecology Laboratory; Grade Method: REG/P-F/AUD; Pre- or corequisite: BOTN 462 or equivalent. 2 credits
0101 Tu.....1:00pm- 4:00pm (HJP 1105) LAB STAFF
0102 Th.....1:00pm- 4:00pm (HJP 1105) LAB STAFF
0103 F.....1:00pm- 4:00pm (HJP 1105) LAB STAFF

BOTN624 Prokaryotic Plant Pathogens; Grade Method: REG; Prerequisite: BOTN 221, permission of instructor and permission of department. 2 credits
0101 TuTh.....11:00am-11:50am (HJP 1229) Hutcheson, S

BOTN625 Prokaryotic Plant Pathogens Laboratory; Grade Method: REG; Pre- or corequisite: BOTN 221; BOTN 624, permission of instructor and permission of department. 2 credits
0101 W.....12:00pm- 4:00pm (HJP 2230) LAB Hutcheson, S

BOTN636 Plant Nematology; Grade Method: REG/AUD; Prerequisite: BOTN 221 or permission of instructor and permission of department. 4 credits
0101 MF.....9:00am- 9:50am (HJP 2226) Krusberg, L
MF.....10:00am-12:00pm (HJP 2226) LAB

BOTN650 Nutrition and Transport in Plants; Grade Method: REG/AUD; Prerequisite: BOTN 441. 2 credits
0101 TuTh.....10:00am-10:50am (HJP 1229) Barnett, N

BOTN662 Physiological Plant Ecology; Grade Method: REG/AUD; Prerequisite: BOTN 462 or equivalent. 2 credits
0101 TuTh.....1:00pm- 1:50pm (HJP 1229) Forseth Jr., I

BOTN695 (PermReq) Advanced Plant Physiology Laboratory; Grade Method: REG; Prerequisite: BOTN 441. 2 credits
0101 Th.....1:00pm- 1:50pm (HJP 1218) Sze, H
Th.....2:00pm- 6:00pm (Arranged) LAB

BOTN698B Seminar in Botany: Pathology; Grade Method: REG/AUD; 1 credit
0101 W.....4:00pm- 4:50pm (HJP 1229) Hutcheson, S

BOTN698C Seminar in Botany: Physiology; Grade Method: REG/AUD; 1 credit
0101 F.....4:00pm- 4:50pm (HJP 1229) Barnett, N

BOTN698D Seminar in Botany: Ecology; Grade Method: REG/AUD; 1 credit
0101 Th.....4:00pm- 4:50pm (HJP 1229) Dudash, M

BOTN698E Seminar in Botany: Mycology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Motta, J

BOTN698F Seminar in Botany: Morphology and Plant Systematics; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Reveal, J

BOTN698J Seminar in Botany: Genetics; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Bottino, P

BOTN699A (PermReq) Special Problems in Botany: Cell Biology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BOTN699B (PermReq) Special Problems in Botany: Pathology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BOTN699C (PermReq) Special Problems in Botany: Physiology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BOTN699D (PermReq) Special Problems in Botany: Ecology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BOTN699E (PermReq) Special Problems in Botany: Mycology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BOTN699F (PermReq) Special Problems in Botany: Morphology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BOTN699G (PermReq) Special Problems in Botany: Phycology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BOTN699J (PermReq) Special Problems in Botany: Genetics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BOTN699K (PermReq) Special Problems in Botany: Molecular Biology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BOTN699N (PermReq) Special Problems in Botany: Plant Systematics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BOTN721 (PermReq) Clinical and Field Plant Pathology; Grade Method: REG/AUD; 1-2 credits
0101 Time and room to be arranged Steiner, P

BOTN799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

BOTN899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

BSOS Behavioral and Social Sciences (Behavior & Social Sci)

BSOS386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BSOS387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

---

CHEM Chemistry (Life Sciences)

CHEM103 General Chemistry I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: a satisfactory math SAT score or an adequate knowledge of high school chemistry or satisfactory performance in CHEM 001. Credit will be granted for only one of the following: CHEM 102, CHEM 103, CHEM 105, CHEM 107, CHEM 111. 4 credits
3111 TuTh.....8:00am- 9:15am (CHM 1407) Bellama, J
M.....8:00am-10:50am (CHM 1105) LAB
M.....1:00pm- 1:50pm (ARM 0108) DIS
3117 TuTh.....8:00am- 9:15am (CHM 1407) Bellama, J
M.....3:00pm- 5:50pm (CHM 1105) LAB
M.....1:00pm- 1:50pm (ZOP 1124) DIS
3124 TuTh.....8:00am- 9:15am (CHM 1407) Bellama, J
Tu.....12:00pm- 2:50pm (CHM 1105) LAB
M.....1:00pm- 1:50pm (CHM 0122) DIS
3125 TuTh.....8:00am- 9:15am (CHM 1407) Bellama, J
Tu.....12:00pm- 2:50pm (CHM 1106) LAB
M.....1:00pm- 1:50pm (CHE 2116) DIS
3131 TuTh.....8:00am- 9:15am (CHM 1407) Bellama, J
W.....8:00am-10:50am (CHM 1105) LAB
M.....2:00pm- 2:50pm (ARM 0108) DIS
3134 TuTh.....8:00am- 9:15am (CHM 1407) Bellama, J
W.....12:00pm- 2:50pm (CHM 1105) LAB
M.....2:00pm- 2:50pm (ZOP 1124) DIS
3135 TuTh.....8:00am- 9:15am (CHM 1407) Bellama, J
W.....12:00pm- 2:50pm (CHM 1106) LAB
M.....2:00pm- 2:50pm (ZOP 1228) DIS
3137 TuTh.....8:00am- 9:15am (CHM 1407) Bellama, J
W.....3:00pm- 5:50pm (CHM 1105) LAB
M.....2:00pm- 2:50pm (EGR 2102) DIS
3144 TuTh.....8:00am- 9:15am (CHM 1407) Bellama, J
Th.....12:00pm- 2:50pm (CHM 1105) LAB
M.....2:00pm- 2:50pm (CHE 2116) DIS
3145 TuTh.....8:00am- 9:15am (CHM 1407) Bellama, J
Th.....12:00pm- 2:50pm (CHM 1106) LAB
M.....2:00pm- 2:50pm (ZOP 1234) DIS
3151 TuTh.....8:00am- 9:15am (CHM 1407) Bellama, J
F.....8:00am-10:50am (CHM 1105) LAB
M.....1:00pm- 1:50pm (EGR 2102) DIS
3154 TuTh.....8:00am- 9:15am (CHM 1407) Bellama, J
F.....12:00pm- 2:50pm (CHM 1105) LAB
M.....2:00pm- 2:50pm (CHE 2140) DIS
3211 TuTh.....11:00am-12:15pm (CHM 1407) Greer, S
M.....8:00am-10:50am (CHM 1109) LAB
W.....1:00pm- 1:50pm (ARM 0108) DIS
3214 TuTh.....11:00am-12:15pm (CHM 1407) Greer, S
M.....12:00pm- 2:50pm (CHM 1106) LAB
W.....1:00pm- 1:50pm (ZOP 1124) DIS
3215 TuTh.....11:00am-12:15pm (CHM 1407) Greer, S
M.....12:00pm- 2:50pm (CHM 1109) LAB
W.....1:00pm- 1:50pm (EGR 2102) DIS
3217 TuTh.....11:00am-12:15pm (CHM 1407) Greer, S
M.....3:00pm- 5:50pm (CHM 1109) LAB
W.....1:00pm- 1:50pm (EGR 1126) DIS
3221 TuTh.....11:00am-12:15pm (CHM 1407) Greer, S
Tu.....8:00am-10:50am (CHM 1106) LAB
W.....1:00pm- 1:50pm (CHE 2116) DIS
3227 TuTh.....11:00am-12:15pm (CHM 1407) Greer, S
Tu.....3:00pm- 5:50pm (CHM 1106) LAB
W.....1:00pm- 1:50pm (CHM 0119) DIS
3231 TuTh.....11:00am-12:15pm (CHM 1407) Greer, S
W.....8:00am-10:50am (CHM 1109) LAB
W.....2:00pm- 2:50pm (ARM 0108) DIS
3237 TuTh.....11:00am-12:15pm (CHM 1407) Greer, S
W.....3:00pm- 5:50pm (CHM 1109) LAB
W.....2:00pm- 2:50pm (CHE 2140) DIS
3241 TuTh.....11:00am-12:15pm (CHM 1407) Greer, S
Th.....8:00am-10:50am (CHM 1106) LAB
W.....2:00pm- 2:50pm (CLB 0109) DIS
3247 TuTh.....11:00am-12:15pm (CHM 1407) Greer, S
Th.....3:00pm- 5:50pm (CHM 1106) LAB
W.....2:00pm- 2:50pm (ARM 0116) DIS
3254 TuTh.....11:00am-12:15pm (CHM 1407) Greer, S
F.....12:00pm- 2:50pm (CHM 1106) LAB
W.....2:00pm- 2:50pm (CHE 2116) DIS
3255 TuTh.....11:00am-12:15pm (CHM 1407) Greer, S
F.....12:00pm- 2:50pm (CHM 1109) LAB
W.....2:00pm- 2:50pm (EGR 2102) DIS
3311 TuTh.....12:30pm- 1:45pm (CHM 1407) Moore, J
M.....8:00am-10:50am (CHM 1119) LAB
W.....3:00pm- 3:50pm (ARM 0108) DIS
3314 TuTh.....12:30pm- 1:45pm (CHM 1407) Moore, J
M.....12:00pm- 2:50pm (CHM 1119) LAB
W.....3:00pm- 3:50pm (CHE 2116) DIS
3317 TuTh.....12:30pm- 1:45pm (CHM 1407) Moore, J
M.....3:00pm- 5:50pm (CHM 1119) LAB
W.....3:00pm- 3:50pm (EGR 0108) DIS
3321 TuTh.....12:30pm- 1:45pm (CHM 1407) Moore, J
Tu.....8:00am-10:50am (CHM 1119) LAB
W.....3:00pm- 3:50pm (EGR 0104) DIS
3327 TuTh.....12:30pm- 1:45pm (CHM 1407) Moore, J
Th.....3:00pm- 5:50pm (CHM 1109) LAB
W.....3:00pm- 3:50pm (EGR 2102) DIS
3328 TuTh.....12:30pm- 1:45pm (CHM 1407) Moore, J
Tu.....3:00pm- 5:50pm (CHM 1119) LAB
W.....3:00pm- 3:50pm (EGR 1124) DIS
3334 TuTh.....12:30pm- 1:45pm (CHM 1407) Moore, J
W.....12:00pm- 2:50pm (CHM 1109) LAB
W.....4:00pm- 4:50pm (ZOP 1124) DIS
3335 TuTh.....12:30pm- 1:45pm (CHM 1407) Moore, J
W.....12:00pm- 2:50pm (CHM 1119) LAB
W.....4:00pm- 4:50pm (EGR 2102) DIS
3341 TuTh.....12:30pm- 1:45pm (CHM 1407) Moore, J
Th.....8:00am-10:50am (CHM 1119) LAB
W.....4:00pm- 4:50pm (EGR 0108) DIS
3347 TuTh.....12:30pm- 1:45pm (CHM 1407) Moore, J
Th.....3:00pm- 5:50pm (CHM 1109) LAB
W.....4:00pm- 4:50pm (EGR 0104) DIS
3348 TuTh.....12:30pm- 1:45pm (CHM 1407) Moore, J
Th.....3:00pm- 5:50pm (CHM 1119) LAB
W.....4:00pm- 4:50pm (EGR 1124) DIS
3351 TuTh.....12:30pm- 1:45pm (CHM 1407) Moore, J
F.....8:00am-10:50am (CHM 1119) LAB
W.....4:00pm- 4:50pm (ARM 0108) DIS

CHEM104 Fundamentals of Organic and Biochemistry; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: CHEM 103 or CHEM 105. Credit will be granted for only one of the following: CHEM 104 and CHEM 233 (or CHEM 235). This course is intended for students in curricula requiring only one semester of organic chemistry. It is not appropriate for those requiring two semesters; such students should take CHEM 233 or, if eligible, CHEM 235, after completion of CHEM 113 (or CHEM 115). 4 credits
5114 MWF.....9:00am- 9:50am (ARM 0126) Mazzocchi, D
M.....12:00pm- 2:50pm (CHM 1215) LAB
Tu.....8:00am- 8:50am (MTH 0301) DIS
5117 MWF.....9:00am- 9:50am (ARM 0126) Mazzocchi, D
M.....3:00pm- 5:50pm (CHM 1215) LAB
Tu.....8:00am- 8:50am (EGR 2102) DIS
5124 MWF.....9:00am- 9:50am (ARM 0126) Mazzocchi, D
Tu.....12:00pm- 2:50pm (CHM 1215) LAB
Tu.....8:00am- 8:50am (EGR 3114) DIS
5134 MWF.....9:00am- 9:50am (ARM 0126) Mazzocchi, D
W.....12:00pm- 2:50pm (CHM 1215) LAB
Tu.....9:00am- 9:50am (EGR 3114) DIS
5137 MWF.....9:00am- 9:50am (ARM 0126) Mazzocchi, D
W.....3:00pm- 5:50pm (CHM 1215) LAB
Tu.....8:00am- 8:50am (ZOP 1234) DIS
5141 MWF.....9:00am- 9:50am (ARM 0126) Mazzocchi, D
Th.....8:00am-10:50am (CHM 1215) LAB
Tu.....9:00am- 9:50am (ZOP 1228) DIS
5144 MWF.....9:00am- 9:50am (ARM 0126) Mazzocchi, D
Th.....12:00pm- 2:50pm (CHM 1215) LAB
Tu.....9:00am- 9:50am (EGR 0135) DIS
5147 MWF.....9:00am- 9:50am (ARM 0126) Mazzocchi, D
Th.....3:00pm- 5:55pm (CHM 1215) LAB
Tu.....9:00am- 9:50am (EGR 1102) DIS

CHEM113 General Chemistry II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: CHEM 103 or CHEM 105. Credit will be granted for only one of the following: CHEM 113 or CHEM 115. 4 credits
4114 MWF.....8:00am- 8:50am (CHM 1407) Stewart, J
M.....12:00pm- 2:50pm (CHM 1122) LAB
Tu.....8:00am- 8:50am (ARM 0121) DIS
4115 MWF.....8:00am- 8:50am (CHM 1407) Stewart, J
M.....12:00pm- 2:50pm (CHM 1110) LAB
Tu.....8:00am- 8:50am (ARM 0108) DIS
4117 MWF.....8:00am- 8:50am (CHM 1407) Stewart, J
M.....3:00pm- 5:50pm (CHM 1110) LAB
Tu.....8:00am- 8:50am (CHE 2116) DIS
4127 MWF.....8:00am- 8:50am (CHM 1407) Stewart, J
Tu.....3:00pm- 5:50pm (CHM 1110) LAB
Tu.....8:00am- 8:50am (ARM 0120) DIS
4134 MWF.....8:00am- 8:50am (CHM 1407) Stewart, J
W.....12:00pm- 2:50pm (CHM 1110) LAB
Tu.....9:00am- 9:50am (ANS 1109) DIS
4137 MWF.....8:00am- 8:50am (CHM 1407) Stewart, J
W.....3:00pm- 5:50pm (CHM 1110) LAB
Tu.....9:00am- 9:50am (CHE 2116) DIS
4141 MWF.....8:00am- 8:50am (CHM 1407) Stewart, J
Th.....8:00am-10:50am (CHM 1110) LAB
Tu.....9:00am- 9:50am (ARM 0108) DIS
4142 MWF.....8:00am- 8:50am (CHM 1407) Stewart, J
Th.....8:00am-10:50am (CHM 1128) LAB
Tu.....9:00am- 9:50am (EGR 2102) DIS
4214 MWF.....10:00am-10:50am (CHM 1407) DeVoe, H
M.....12:00pm- 2:50pm (CHM 1112) LAB
Th.....8:00am- 8:50am (ARM 0121) DIS
4217 MWF.....10:00am-10:50am (CHM 1407) DeVoe, H
M.....3:00pm- 5:50pm (CHM 1111) LAB
Th.....8:00am- 8:50am (ARM 0120) DIS
4221 MWF.....10:00am-10:50am (CHM 1407) DeVoe, H
Tu.....8:00am-10:50am (CHM 1111) LAB
Th.....8:00am- 8:50am (EGR 2102) DIS
4222 MWF.....10:00am-10:50am (CHM 1407) DeVoe, H
Tu.....8:00am-10:50am (CHM 1110) LAB
Th.....8:00am- 8:50am (ARM 0108) DIS
4224 MWF.....10:00am-10:50am (CHM 1407) DeVoe, H
Th.....12:00pm- 2:50pm (CHM 1122) LAB
Th.....8:00am- 8:50am (ARM 0108) DIS
4227 MWF.....10:00am-10:50am (CHM 1407) DeVoe, H
Tu.....3:00pm- 5:50pm (CHM 1111) LAB
Th.....9:00am- 9:50am (JUL 1105) DIS
4237 MWF.....10:00am-10:50am (CHM 1407) DeVoe, H
W.....3:00pm- 5:50pm (CHM 1111) LAB
Th.....8:00am- 8:50am (EGR 3114) DIS
4244 MWF.....10:00am-10:50am (CHM 1407) DeVoe, H
Th.....12:00pm- 2:50pm (CHM 1122) LAB
Th.....9:00am- 9:50am (ARM 0108) DIS
4247 MWF.....10:00am-10:50am (CHM 1407) DeVoe, H
Th.....3:00pm- 5:50pm (CHM 1111) LAB
Th.....9:00am- 9:50am (EGR 2102) DIS
4254 MWF.....10:00am-10:50am (CHM 1407) DeVoe, H
F.....12:00pm- 2:50pm (CHM 1111) LAB
Th.....9:00am- 9:50am (EGR 0135) DIS
4311 MWF.....11:00am-11:50am (CHM 1407) Harwood, W
M.....8:00am-10:50am (CHM 1122) LAB
Tu.....10:00am-10:50am (ARM 0108) DIS
4314 MWF.....11:00am-11:50am (CHM 1407) Harwood, W
M.....12:00pm- 2:50pm (CHM 1128) LAB
Tu.....10:00am-10:50am (CHE 2116) DIS
4324 MWF.....11:00am-11:50am (CHM 1407) Harwood, W
Tu.....12:00pm- 2:50pm (CHM 1208) LAB
Tu.....10:00am-10:50am (EGR 3111) DIS
4331 MWF.....11:00am-11:50am (CHM 1407) Harwood, W
W.....8:00am-10:50am (CHM 1128) LAB
Tu.....11:00am-11:50am (ZOP 1124) DIS
4334 MWF.....11:00am-11:50am (CHM 1407) Harwood, W
W.....12:00pm- 2:50pm (CHM 1128) LAB
Tu.....11:00am-11:50am (EGR 2102) DIS
4335 MWF.....11:00am-11:50am (CHM 1407) Harwood, W
W.....12:00pm- 2:50pm (CHM 1208) LAB
Tu.....11:00am-11:50am (CHE 2120) DIS
4337 MWF.....11:00am-11:50am (CHM 1407) Harwood, W
W.....3:00pm- 5:50pm (CHM 1128) LAB
Tu.....10:00am-10:50am (EGR 2102) DIS
4341 MWF.....11:00am-11:50am (CHM 1407) Harwood, W
Th.....8:00am-10:50am (CHM 1111) LAB
Tu.....11:00am-11:50am (CHE 2118) DIS
4342 MWF.....11:00am-11:50am (CHM 1407) Harwood, W
Th.....8:00am-10:50am (CHM 1112) LAB
Tu.....11:00am-11:50am (EGR 2112) DIS
4344 MWF.....11:00am-11:50am (CHM 1407) Harwood, W
Th.....12:00pm- 2:50pm (CHM 1208) LAB
Tu.....10:00am-10:50am (CHM 0127) DIS
4411 MWF.....12:00pm-12:50pm (CHM 1407) Reutt, J
M.....8:00am-10:50am (CHM 1112) LAB
Th.....9:00am- 9:50am (CHE 2140) DIS
4417 MWF.....12:00pm-12:50pm (CHM 1407) Reutt, J
M.....3:00pm- 5:50pm (CHM 1112) LAB
Th.....9:00am- 9:50am (EGR 1102) DIS
4421 MWF.....12:00pm-12:50pm (CHM 1407) Reutt, J
Tu.....8:00am-10:50am (CHM 1112) LAB
Th.....9:00am- 9:50am (CHE 2116) DIS
4424 MWF.....12:00pm-12:50pm (CHM 1407) Reutt, J
Tu.....12:00pm- 2:50pm (CHM 1112) LAB
Th.....9:00am- 9:50am (ARM 0105) DIS
4427 MWF.....12:00pm-12:50pm (CHM 1407) Reutt, J
Tu.....3:00pm- 5:50pm (CHM 1128) LAB
Th.....10:00am-10:50am (EGR 2102) DIS
4428 MWF.....12:00pm-12:50pm (CHM 1407) Reutt, J
Tu.....3:00pm- 5:50pm (CHM 1122) LAB
Th.....10:00am-10:50am (CHE 2118) DIS
4437 MWF.....12:00pm-12:50pm (CHM 1407) Reutt, J
W.....3:00pm- 5:50pm (CHM 1112) LAB
Th.....10:00am-10:50am (CHE 2116) DIS
4444 MWF.....12:00pm-12:50pm (CHM 1407) Reutt, J
Th.....12:00pm- 2:50pm (CHM 1112) LAB
Th.....10:00am-10:50am (ARM 0108) DIS
4511 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
M.....8:00am-10:50am (CHM 1110) LAB
Tu.....1:00pm- 1:50pm (ARM 0108) DIS
4517 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
M.....3:00pm- 5:50pm (CHM 1208) LAB
Tu.....1:00pm- 1:50pm (CHM 0124) DIS
4521 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Tu.....8:00am-10:50am (CHM 1208) LAB
Tu.....1:00pm- 1:50pm (PHY 4220) DIS
4527 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Tu.....3:00pm- 5:50pm (CHM 1208) LAB
Tu.....1:00pm- 1:50pm (EGR 1124) DIS
4537 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
W.....3:00pm- 5:50pm (CHM 1208) LAB
Tu.....2:00pm- 2:50pm (EGR 1110) DIS
4541 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Th.....10:00am-10:50am (CHM 1208) LAB
Tu.....2:00pm- 2:50pm (CHM 0124) DIS
4544 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Th.....12:00pm- 2:50pm (CHM 1111) LAB
Tu.....2:00pm- 2:50pm (EGR 3111) DIS
4545 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Th.....12:00pm- 2:50pm (CHM 1128) LAB
Tu.....2:00pm- 2:50pm (PHY 4208) DIS
4547 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Th.....3:00pm- 5:50pm (CHM 1208) LAB
Tu.....1:00pm- 1:50pm (EGR 3114) DIS
4551 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
F.....8:00am-10:50am (CHM 1110) LAB
Tu.....2:00pm- 2:50pm (ZOP 1124) DIS
4617 MWF.....2:00pm- 2:50pm (CHM 1407) STAFF
M.....3:00pm- 5:50pm (CHM 1122) LAB
Th.....1:00pm- 1:50pm (CHM 0124) DIS
4618 MWF.....2:00pm- 2:50pm (CHM 1407) STAFF
M.....3:00pm- 5:50pm (CHM 1128) LAB
Th.....1:00pm- 1:50pm (ZOP 1234) DIS
4624 MWF.....2:00pm- 2:50pm (CHM 1407) STAFF
Tu.....12:00pm- 2:50pm (CHM 1111) LAB
Th.....2:00pm- 2:50pm (EGR 3114) DIS
4627 MWF.....2:00pm- 2:50pm (CHM 1407) STAFF
Tu.....3:00pm- 5:50pm (CHM 1112) LAB
Th.....1:00pm- 1:50pm (PHY 4220) DIS
4637 MWF.....2:00pm- 2:50pm (CHM 1407) STAFF
W.....3:00pm- 5:50pm (CHM 1122) LAB
Th.....2:00pm- 2:50pm (CHM 0124) DIS
4647 MWF.....2:00pm- 2:50pm (CHM 1407) STAFF
Th.....3:00pm- 5:50pm (CHM 1122) LAB
Th.....2:00pm- 2:50pm (EGR 0104) DIS

CHEM115 (PermReq) Principles of General Chemistry II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: CHEM 103 or CHEM 105 and permission of department. Credit will be granted for only one of the following: CHEM 113 or CHEM 115. Limited enrollment. Preference given to students with grade of A or B in CHEM 105 or A in CHEM 103. This course is a more rigorous "upper track" version of CHEM 113. 4 credits
0614 MWF.....10:00am-10:50am (CHM 1402) Poli, R
M.....12:00pm- 2:50pm (CHM 1233) LAB
Th.....8:00am- 8:50am (JUL 1105) DIS
0617 MWF.....10:00am-10:50am (CHM 1402) Poli, R
M.....3:00pm- 5:50pm (CHM 1233) LAB
Th.....8:00am- 8:50am (ZOP 1234) DIS
0621 MWF.....10:00am-10:50am (CHM 1402) Poli, R
Tu.....8:00am-10:50am (CHM 1233) LAB
Th.....9:00am- 9:50am (COL 3112) DIS
0624 MWF.....10:00am-10:50am (CHM 1402) Poli, R
Tu.....12:00pm- 2:50pm (CHM 1233) LAB
Th.....9:00am- 9:50am (CHE 2118) DIS

CHEM233 Organic Chemistry I; Grade Method: REG/P-F/AUD; Prerequisite: CHEM 113 or CHEM 115. Credit will be granted for only one of the following: CHEM 104, CHEM 233, CHEM 235. — 4 credits

7114	MWF.....9:00am- 9:50am (CHM 1407)		Ammon, H
	M.....12:00pm- 2:50pm (CHM 1221)	LAB	
	Tu.....12:00pm-12:50pm (CHE 2116)	DIS	
7117	MWF.....9:00am- 9:50am (CHM 1407)		Ammon, H
	M.....3:00pm- 5:50pm (CHM 1221)	LAB	
	Tu.....12:00pm-12:50pm (EGR 1102)	DIS	
7118	MWF.....9:00am- 9:50am (CHM 1407)		Ammon, H
	M.....3:00pm- 5:50pm (CHM 1227)	LAB	
	Tu.....12:00pm-12:50pm (ZDP 1228)	DIS	
7121	MWF.....9:00am- 9:50am (CHM 1407)		Ammon, H
	Tu.....8:00am-10:50am (CHM 1227)	LAB	
	Tu.....12:00pm-12:50pm (EGR 2102)	DIS	
7134	MWF.....9:00am- 9:50am (CHM 1407)		Ammon, H
	W.....12:00pm- 2:50pm (CHM 1221)	LAB	
	Tu.....1:00pm- 1:50pm (EGR 2102)	DIS	
7137	MWF.....9:00am- 9:50am (CHM 1407)		Ammon, H
	W.....3:00pm- 5:50pm (CHM 1221)	LAB	
	Tu.....1:00pm- 1:50pm (CHE 2120)	DIS	
7138	MWF.....9:00am- 9:50am (CHM 1407)		Ammon, H
	W.....3:00pm- 5:50pm (CHM 1227)	LAB	
	Tu.....1:00pm- 1:50pm (ZDP 1234)	DIS	
7141	MWF.....9:00am- 9:50am (CHM 1407)		Ammon, H
	Th.....8:00am-10:50am (CHM 1227)	LAB	
	Tu.....1:00pm- 1:50pm (CHE 2118)	DIS	
7144	MWF.....9:00am- 9:50am (CHM 1407)		Ammon, H
	Th.....12:00pm- 2:50pm (CHM 1221)	LAB	
	Tu.....12:00pm-12:50pm (CHM 0124)	DIS	
7147	MWF.....9:00am- 9:50am (CHM 1407)		Ammon, H
	Th.....3:00pm- 5:50pm (CHM 1227)	LAB	
	Tu.....1:00pm- 1:50pm (EGR 3110)	DIS	

CHEM243 Organic Chemistry II; Grade Method: REG/P-F/AUD; Prerequisite: CHEM 243 or CHEM 235. Credit will be granted for only one of the following: CHEM 243 or CHEM 245. — 4 credits

8111	MWF.....3:00pm- 3:50pm (CHM 1407)		Jarvis, B
	M.....8:00am-10:50am (CHM 1216)	LAB	
	Th.....12:00pm-12:50pm (CHE 2118)	DIS	
8114	MWF.....3:00pm- 3:50pm (CHM 1407)		Jarvis, B
	M.....12:00pm- 2:50pm (CHM 1216)	LAB	
	Th.....12:00pm-12:50pm (CHM 2201)	DIS	
8115	MWF.....3:00pm- 3:50pm (CHM 1407)		Jarvis, B
	M.....12:00pm- 2:50pm (CHM 1224)	LAB	
	Th.....12:00pm-12:50pm (EGR 0135)	DIS	
8121	MWF.....3:00pm- 3:50pm (CHM 1407)		Jarvis, B
	Tu.....8:00am-10:50am (CHM 1216)	LAB	
	Th.....12:00pm-12:50pm (CHE 2116)	DIS	
8122	MWF.....3:00pm- 3:50pm (CHM 1407)		Jarvis, B
	Tu.....8:00am-10:50am (CHM 1224)	LAB	
	Th.....12:00pm-12:50pm (ANS 1109)	DIS	
8124	MWF.....3:00pm- 3:50pm (CHM 1407)		Jarvis, B
	Tu.....12:00pm- 2:50pm (CHM 1216)	LAB	
	Th.....12:00pm-12:50pm (EGR 2102)	DIS	
8125	MWF.....3:00pm- 3:50pm (CHM 1407)		Jarvis, B
	Tu.....12:00pm- 2:50pm (CHM 1224)	LAB	
	Th.....12:00pm-12:50pm (CHE 2120)	DIS	
8127	MWF.....3:00pm- 3:50pm (CHM 1407)		Jarvis, B
	Tu.....3:00pm- 5:50pm (CHM 1216)	LAB	
	Th.....12:00pm-12:50pm (EGR 0104)	DIS	
8131	MWF.....3:00pm- 3:50pm (CHM 1407)		Jarvis, B
	W.....8:00am-10:50am (CHM 1216)	LAB	
	Th.....1:00pm- 1:50pm (EGR 0104)	DIS	
8134	MWF.....3:00pm- 3:50pm (CHM 1407)		Jarvis, B
	W.....12:00pm- 2:50pm (CHM 1216)	LAB	
	Th.....1:00pm- 1:50pm (CHE 2136)	DIS	
8135	MWF.....3:00pm- 3:50pm (CHM 1407)		Jarvis, B
	W.....12:00pm- 2:50pm (CHM 1224)	LAB	
	Th.....1:00pm- 1:50pm (ARM 0108)	DIS	
8141	MWF.....3:00pm- 3:50pm (CHM 1407)		Jarvis, B
	Th.....8:00am-10:50am (CHM 1216)	LAB	
	Th.....1:00pm- 1:50pm (EGR 2102)	DIS	
8147	MWF.....3:00pm- 3:50pm (CHM 1407)		Jarvis, B
	Th.....3:00pm- 5:50pm (CHM 1216)	LAB	
	Th.....1:00pm- 1:50pm (CHM 0122)	DIS	
8151	MWF.....3:00pm- 3:50pm (CHM 1407)		Jarvis, B
	F.....8:00am-10:50am (CHM 1224)	LAB	
	Th.....1:00pm- 1:50pm (EGR 1124)	DIS	
8154	MWF.....3:00pm- 3:50pm (CHM 1407)		Jarvis, B
	F.....12:00pm- 2:50pm (CHM 1216)	LAB	
	Th.....1:00pm- 1:50pm (CHE 2116)	DIS	
8155	MWF.....3:00pm- 3:50pm (CHM 1407)		Jarvis, B
	F.....12:00pm- 2:50pm (CHM 1224)	LAB	
	Th.....1:00pm- 1:50pm (EGR 3102)	DIS	

CHEM245 (PermReq) Principles of Organic Chemistry II; Grade Method: REG/P-F/AUD; Prerequisite: CHEM 233 or CHEM 235 and permission of department. Credit will be granted for only one of the following: CHEM 243 or CHEM 245. Limited enrollment. Preference given to students with grade of A or B in CHEM 235 or A in CHEM 233. This course is a more rigorous "upper track" version of CHEM 243. — 4 credits

0841	MWF.....3:00pm- 3:50pm (CHM 2201)		Mariano, P
	Th.....8:00am-10:50am (CHM 1224)	LAB	
	Th.....12:00pm-12:50pm (EGR 3110)	DIS	
0847	MWF.....3:00pm- 3:50pm (CHM 2201)		Mariano, P
	Th.....3:00pm- 5:50pm (CHM 1224)	LAB	
	Th.....1:00pm- 1:50pm (CHE 2120)	DIS	

CHEM321 Quantitative Analysis; Grade Method: REG/P-F/AUD; Prerequisite: CHEM 113 or CHEM 115. — 4 credits

0114	MW.....11:00am-11:50am (CHM 1402)		Kasler, F
	MW.....1:00pm- 3:50pm (CHM 3226)	LAB	
0124	MW.....11:00am-11:50am (CHM 1402)		Kasler, F
	TuTh.....12:00pm- 2:50pm (CHM 3226)	LAB	

CHEM374 Technology, Energy and Risk; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: completion of USP Distributive Studies Area B. — 3 credits

0101	MWF.....11:00am-11:50am (EGR 1202)	Gordon, G

CHEM398 (PermReq) Special Projects; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to chemistry honors students. Prior consent of the department required. Consult with Dr. Herndon. — 2 credits

CHEM399 (PermReq) Introduction to Chemical Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Research plans must have prior approval from Dr. Herndon. — 1-2 credits

CHEM401 Inorganic Chemistry; Grade Method: REG/P-F/AUD; Prerequisite: CHEM 481. — 3 credits

0101	MWF.....11:00am-11:50am (CHM 0119)	Grim, S

CHEM421 Advanced Quantitative Analysis; Grade Method: REG/P-F/AUD; Pre- or corequisites: CHEM 482 and CHEM 483. — 3 credits

0101	MWF.....1:00pm- 1:50pm (CHM 0128)	Kasler, F

CHEM425 (PermReq) Instrumental Methods of Analysis; Grade Method: REG/P-F/AUD; Prerequisite: CHEM 321. — 3 credits

0101	Tu.....8:00am- 8:50am (CHM 0128)		Ondov, J
	TuTh.....9:00am-11:50am (CHM 3205)	LAB	
0102	Tu.....8:00am- 8:50am (CHM 0128)		Ondov, J
	TuTh.....1:00pm- 3:40pm (CHM 3205)	LAB	

CHEM441 Advanced Organic Chemistry; Grade Method: REG/P-F/AUD; Prerequisite: CHEM 481. — 3 credits

0101	MWF.....10:00am-10:50am (CHM 2201)	Henery-Logan, K

CHEM481 Physical Chemistry I; Grade Method: REG/P-F/AUD; Prerequisite: CHEM 113 or CHEM 115; CHEM 243 or CHEM 245; MATH 141; and PHYS 142 or PHYS 263. (PHYS 263 may be taken concurrently). — 3 credits

0101	MWF.....8:00am- 8:50am (CHM 0115)	Castellan, G

CHEM482 Physical Chemistry II; Grade Method: REG/P-F/AUD; Prerequisite: CHEM 481. — 3 credits

0101	MWF.....8:00am- 8:50am (CHM 1402)	Murphy, T
0201	MWF.....9:00am- 9:50am (CHM 1402)	Thirumali, D

CHEM483 Physical Chemistry Laboratory I; Grade Method: REG/P-F/AUD; Corequisite: CHEM 481. Rooms for second lab times are to be arranged for all sections. — 2 credits

0101	M.....1:00pm- 1:50pm (CHM 1402)	LAB	Weiner, J
	M.....2:00pm- 4:50pm (Arranged)	LAB	
0102	Tu.....1:00pm- 1:50pm (CHM 0127)	LAB	Weiner, J
	Tu.....2:00pm- 4:50pm (Arranged)	LAB	
0103	W.....1:00pm- 1:50pm (CHM 1402)	LAB	Weiner, J
	W.....2:00pm- 4:50pm (Arranged)	LAB	

CHEM484 Physical Chemistry Laboratory II; Grade Method: REG/P-F/AUD; Prerequisite: CHEM 481 and CHEM 483. Corequisite: CHEM 482. Rooms for second lab times are to be arranged for all sections. — 2 credits

0101	Tu.....1:00pm- 1:50pm (CHM 2201)	LAB	Khanna, R
	Tu.....2:00pm- 4:50pm (Arranged)	LAB	
0102	W.....1:00pm- 1:50pm (CHM 2201)	LAB	Khanna, R
	W.....2:00pm- 4:50pm (Arranged)	LAB	

CHEM487 Computer Applications in the Biological and Chemical Sciences; Grade Method: REG/P-F/AUD; Prerequisite: CHEM 113 and CHEM 287 or equivalent; and knowledge of a scientific programming language (PASCAL, FORTRAN or "C"). — 4 credits

0111	MWF.....11:00am-11:50am (CHM 0122)		Murphy, T
	M.....3:00pm- 5:50pm (Arranged)	LAB	
0141	MWF.....11:00am-11:50am (CHM 0122)		Murphy, T
	Th.....1:00pm- 3:50pm (Arranged)	LAB	

CHEM498A Special Topics in Chemistry: Electronics for Chemists; Grade Method: REG/P-F/AUD; — 3 credits

0102	TuTh.....10:00am-10:50am (CHM 0124)		O'Haver, T
	Tu.....1:00pm- 3:30pm (Arranged)	LAB	
0104	TuTh.....10:00am-10:50am (CHM 0124)		O'Haver, T
	Th.....1:00pm- 3:50pm (Arranged)	LAB	

CHEM498B Special Topics in Chemistry: The Periodic Table: S and P Block Elements; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....9:00am- 9:50am (CHM 0128)	Boyd Jr., A

CHEM625 Separation Methods in Quantitative Analysis; Grade Method: REG/AUD; Prerequisites: CHEM 421 and CHEM 482 or equivalent. — 3 credits

0101	MW.....4:00pm- 5:15pm (CHM 0128)	Freeman, D

CHEM643 Organic Chemistry of High Polymers; Grade Method: REG/AUD; — 2 credits

0101	MW.....5:00pm- 5:50pm (CHM 0124)	Bailey, W

CHEM647 Organic Synthesis; Grade Method: REG/AUD; — 3 credits

0101	MWF.....8:00am- 8:50am (CHM 2201)	Deshong, P

CHEM650 Problems in Organic Synthesis; Grade Method: REG/AUD; — 1 credit

0101	F.....10:00am-10:50am (CHM 0128)	Herndon, J

CHEM660 Spectral Methods; Grade Method: REG/AUD; — 2 credits

0101	MW.....10:00am-10:50am (CHM 0128)	Herndon, J

CHEM687 Statistical Mechanics and Chemistry; Grade Method: REG/AUD; Prerequisite: CHEM 684 or equivalent. — 3 credits

0101	MWF.....9:00am- 9:50am (CHM 2201)	Murphy, T

CHEM689 Special Topics in Physical Chemistry: Structure and Bonding; Grade Method: REG/AUD; — 3 credits

0101	MWF.....11:00am-11:50am (CHM 2201)	Tossell, J

CHEM691 Quantum Chemistry II; Grade Method: REG/AUD; Prerequisite: CHEM 690 or PHYS 622. — 3 credits

0101	TuTh.....8:00am- 9:15am (CHM 0124)	Coplan, M

CHEM699 Special Problems in Chemistry; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Open only to non-thesis Master's degree candidates. — 1-6 credits

CHEM705 Nuclear Chemistry; Grade Method: REG/AUD; Taught by Dr. by Alice Mignerey, Distinguished Scholar Teacher. — 3 credits

0101	MWF.....10:00am-10:50am (CHM 0124)	Mignerey, A

CHEM799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

CHEM898A Seminar: I Analytical, Nuclear and Environmental Chemistry; Grade Method: REG/AUD; — 1 credit

0101	F.....3:00pm- 5:00pm (CHM 0128)	STAFF

CHEM898C Seminar: Inorganic Chemistry; Grade Method: REG/AUD; — 1 credit

0101	Tu.....4:00pm- 6:00pm (Arranged)	Bellama, J

CHEM898D Seminar: Organic Chemistry; Grade Method: REG/AUD; — 1 credit

0101	Tu.....4:00pm- 6:00pm (CHM 0115)	Falvey, D

CHEM898E Seminar: Physical Chemistry; Grade Method: REG/AUD; — 1 credit

0101	W.....4:00pm- 6:00pm (CHM 1325)	Moore, J

CHEM898F Seminar: Chemical Physics; Grade Method: REG/AUD; — 1 credit

0101	W.....4:00pm- 6:00pm (CHM 1325)	Moore, J

CHEM898G Seminar: Polymers; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. — 1 credit

0101	Time and room to be arranged	Bailey, W

CHEM898I Seminar: Transition Metal Chemistry; Grade Method: REG/AUD; — 1 credit

0101	Time and room to be arranged	Poli, R

CHEM898J Seminar: Natural Products; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. — 1 credit

0101	Time and room to be arranged	Jarvis, B

CHEM898K Seminar: Photochemistry Mechanics; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. — 1 credit

0101	Time and room to be arranged	Mariano, P

CHEM898L Seminar: Photochemistry; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. — 1 credit

0101	Time and room to be arranged	Mazzocchi, P

CHEM898N Seminar: Phosphorus Chemistry; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. — 1 credit

0101	Time and room to be arranged	Grim, S

CHEM898O Seminar: Natural Water Chemistry; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. — 1 credit

0101	Time and room to be arranged	Helz, G

CHEM898P Seminar: Chemical Evolution; Grade Method: REG/AUD; — 1 credit

0101	W.....4:00pm- 4:50pm (CHM 0124)	Ponnamperuma, C

CHEM898Q Seminar: Bioorganic Reaction Mechanisms; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. — 1 credit

0101	Time and room to be arranged	Kozarich, J

CHEM898T Seminar: Organometallics in Organic Synthesis; Grade Method: REG/AUD; — 1 credit

0101	Time and room to be arranged	Herndon, J

CHEM899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

CHIN Chinese (Arts and Humanities)

Non-majors: please refer to the Foreign Language Placement Section of the Schedule of Classes.

CHIN102 Elementary Spoken Chinese; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: CHIN 101 or equivalent. Non-majors admitted only after a placement interview. — 3 credits

0101	MWF.....10:00am-10:50am (JMZ 2102)	Shen, H
0201	MWF.....1:00pm- 1:50pm (JMZ 2117)	Shen, H

CHIN103 Elementary Written Chinese; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: CHIN 101 or equivalent. Non-majors admitted only after a placement interview. — 3 credits

0101	MWF.....2:00pm- 2:50pm (JMZ 2120)	Walton, A
0201	MWF.....9:00am- 9:50am (JMZ 0120)	Shen, H

CHIN203 Intermediate Spoken Chinese II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: CHIN 201 or equivalent. Non-majors admitted only after a placement interview. — 3 credits

0101	MWF.....11:00am-11:50am (JMZ 1104)	Shen, H

CHIN204 Intermediate Written Chinese II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: CHIN 202 or equivalent. Non-majors admitted only after a placement interview. — 3 credits

0101	MWF.....9:00am- 9:50am (JMZ 2120)	Walton, A

CHIN302 Advanced Chinese II; Grade Method: REG/P-F/AUD; Prerequisite: CHIN 301 or equivalent. Non-majors admitted only after a placement interview. — 3 credits

0101	MWF.....11:00am-11:50am (JMZ 1123)	Brown, W

CHIN314 Chinese Fiction and Drama in Translation; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....3:00pm- 3:50pm (JMZ 2122)	Brown, W

CHIN388B Topics in Chinese Literature in Translation: Chinese Calligraphy: Theory and Practice; Grade Method: REG/P-F/AUD; — 3 credits

0101	W.....3:00pm- 5:40pm (JMZ 2120)	Chin, T

CHIN405 (PermReq) Advanced Conversation and Composition; Grade Method: REG/P-F/AUD; Prerequisite: CHIN 302 or permission of instructor. Non-majors admitted only after a placement interview. — 3 credits

0101	MWF.....2:00pm- 2:50pm (JMZ 1123)	Shen, H

CHIN422 Advanced Chinese Grammar; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....1:00pm- 1:50pm (JMZ 1211)	Walton, A

CHIN432 Translation and Interpretation II; Grade Method: REG/P-F; Prerequisite: CHIN 431 or equivalent. — 3 credits

0101	MWF.....1:00pm- 1:50pm (JMZ 1123)	Brown, W

CHIN499 (PermReq) Directed Study in Chinese; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

---

CHPH Chemical Physics (Comp, Math, & Phys Sci)

CHPH709A Seminar in Chemical Physics: Physical Chemistry; Grade Method: REG/AUD; — 1 credit

0101	W.....4:00pm- 6:00pm (CHM 1325)	Moore, J

CHPH709B Seminar in Chemical Physics: Statistical Physics; Grade Method: REG/AUD; — 1 credit

0101	Tu.....1:15pm- 2:30pm (IPT 1115)	STAFF

CHPH718E (PermReq) Special Topics in Chemical Physics: Topics in Non-Linear Spectroscopy; Grade Method: REG; — 3 credits

0101	Time and room to be arranged	McIlrath, T

CHPH799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

CHPH899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

CJUS Institute of Criminal Justice and Criminology (Behavior & Social Sci)

CJUS100 Introduction to Law Enforcement; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits

0101	TuTh.....11:00am-12:15pm (LEF 2205)	Katzenelson, S
0201	TuTh.....2:00pm- 3:15pm (SHM 2102)	Miller, S
0301	TuTh.....12:30pm- 1:45pm (SHM 2101)	Miller, S
0401	MWF.....12:00pm-12:50pm (SHM 2102)	Siman, B
0501	MWF.....2:00pm- 2:50pm (LEF 2166)	Gaston, A

CJUS220 Investigation in Law Enforcement; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....8:00am- 9:15am (JMZ 0220)	Verchot, J

CJUS230 Criminal Law in Action; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....9:30am-10:45am (JMZ 0220)	Verchot, J

CJUS234 Criminal Procedure and Evidence; Grade Method: REG/P-F/AUD; Prerequisite: CJUS 230. — 3 credits

0101	TuTh.....9:30am-10:45am (ARM 0112)	Ingraham, B

CJUS300 Criminological and Criminal Justice Research Methods; Grade Method: REG; Prerequisite: CJUS 100; and CRIM 220; and one of the following: SOCY 201, PSYC 200, ECON 321, BMGT 230, EDMS 451, or GVPT 422. — 3 credits

0101	TuTh.....9:30am-10:45am (TYD 1102)	Brooks, L
0201	TuTh.....2:00pm- 3:15pm (TYD 1102)	Brooks, L
0301	TuTh.....9:30am-10:45am (LEF 0221)	Loftin, C

CJUS320 Introduction to Criminalistics; Grade Method: REG/P-F/AUD; Prerequisite: CJUS 220. — 3 credits

0101	MW.....6:00pm- 7:15pm (LEF 0208)	Mauriello, T
0201	MW.....7:30pm- 8:45pm (LEF 0208)	Mauriello, T

CJUS330 Contemporary Legal Policy Issues; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: CJUS 230; and CJUS 234 or equivalent. — 3 credits

0101	MWF.....10:00am-10:50am (JMZ 0105)	Ingraham, B

CJUS340 Concepts of Law Enforcement Administration; Grade Method: REG/P-F/AUD; Prerequisite: CJUS 100 or equivalent. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (SHM 2102)	Brooks, L

CJUS350 Law Enforcement-Community Relations; Grade Method: REG/P-F/AUD; Prerequisite: CJUS 100 or equivalent. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (HJP 2242)	Groskin, R

CJUS386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: Have junior standing by August 1989; have a 3.2 cumulative GPA, earned a grade of "A" in the course in which assisting. — 1-3 credits

CJUS387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: Have junior standing by August 1989, have a 3.2 cumulative GPA, earned a grade of "A" in the course in which assisting. — 1-3 credits

CJUS388H (PermReq) Independent Reading in Law Enforcement: Independent Research in Criminal Justice; Grade Method: REG; For honor students only. Consent of instructor. Repeatable to maximum of 6 credits. — 3 credits

0101	W.....3:00pm- 4:00pm (LEF 2220R)	Sabol, W
	Time and room to be arranged DIS	

CJUS389H (PermReq) Independent Research in Law Enforcement; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. For honors students only. — 3 credits

CJUS398 (PermReq) Law Enforcement Field Training; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: junior standing, majors only. — 1-6 credits

CJUS399 (PermReq) Directed Independent Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: senior standing, majors only. — 1-3 credits

CJUS462 Special Problems in Security Administration; Grade Method: REG/P-F/AUD; Prerequisite: CJUS 380. — 3 credits
0101 Tu.....4:00pm- 8:45pm (LEF 1220) Golomb, J

CJUS498C (PermReq) Selected Topics in Criminal Justice: Police and Campus; Grade Method: REG; — 3 credits
0101 MW.....3:30pm- 4:45pm (WDS 0104) Wellford, C

CJUS498E Selected Topics in Criminal Justice: Crime Prevention, Security and Criminology of Places; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....4:00pm- 6:45pm (LEF 1220) Sherman, L

CJUS630 Seminar in Criminal Law and Society; Grade Method: REG/AUD; Prerequisite: CJUS 230 or or equivalent; and a course in introductory criminology. — 3 credits
0101 Tu.....4:00pm- 6:45pm (LEF 1222) Paternoster, R

CJUS650 Research Seminar in Public Policy and Crime Control; Grade Method: REG/AUD; Prerequisite: permission of department. — 3 credits
0101 M.....4:00pm- 6:45pm (LEF 1220) Simpson, S

CJUS699 (PermReq) Special Problems in Criminal Justice; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

CJUS699E (PermReq) Special Problems in Criminal Justice: Crime Prevention, Security and Criminology of Places; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:45pm (LEF 1220) Sherman, L

CJUS799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

---

CLAS Classics (Arts and Humanities)

CLAS170 Greek and Roman Mythology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 TuTh.....11:00am-12:15pm (SHM 2102) Staley, G

CLAS271 Roman Literature in Translation; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 0105) Stehle, E

CLAS309 Special Topics in Classical Literature: Ancient Education; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (COL 3111) Duffy, J

CLAS320 Women in Classical Antiquity; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 MWF.....11:00am-11:50am (COL 3109) Hallett, J

CLAS470 Advanced Greek and Roman Mythology; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: CLAS 170 or permission of department. — 3 credits
0101 MWF.....1:00pm- 1:50pm (HZF 1106) Doherty, L

CLAS670 Classical Myth and Literature; Grade Method: REG/AUD; — 3 credits
0101 M.....6:00pm- 8:40pm (JMZ 1109) Doherty, L

CLAS688A Special Topics in Classical Civilization: Ancient Literary Criticism; Grade Method: REG/AUD; — 3 credits
0101 Th.....6:00pm- 8:40pm (JMZ 0105) Kazazis, J

CLAS688B Special Topics in Classical Civilization: Roman Art and Literature; Grade Method: REG/AUD; — 3 credits
0101 M.....6:00pm- 8:40pm (ASY 4304) Leach, E

CLAS699 (PermReq) Independent Study in Classical Civilization; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

CLAS799 Master's Thesis Research; Grade Method: REG/S-F; — 1-6 credits
0101 Time and room to be arranged Rowland, R

CMLT Comparative Literature (Arts and Humanities)

CMLT415 (PermReq) The Old Testament As Literature; Grade Method: REG; — 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 1103) Handelman, S

CMLT433 (PermReq) Dante and the Romance Tradition; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 3118) Russell, C

CMLT462 (PermReq) Romanticism: Flowering and Influence; Grade Method: REG/P-F/AUD; Reading knowledge of French and German required. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 3203) Frederiksen, E

CMLT479A (PermReq) Major Contemporary Authors: Soviet Russian Literature; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 3207) Lekic, M

CMLT479B (PermReq) Major Contemporary Authors: James Joyce and Samuel Beckett; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 1102) Kleine, D

CMLT479C (PermReq) Major Contemporary Authors: Contemporary American Literature; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (KEY 0125) Moore, T

CMLT479D (PermReq) Major Contemporary Authors: Fitzgerald and Hemingway; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TLF 0102) Bryer, J

CMLT479E (PermReq) Major Contemporary Authors: Faulkner and Welty; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 2103) Lawson, L

CMLT488A (PermReq) Genres: American Drama; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....2:00pm- 2:50pm (TLF 1103) Robinson, J

CMLT488B (PermReq) Genres: Novel in America to 1910; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 2103) Auchard, J

CMLT488C (PermReq) Genres: The Novel in America since 1910; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (TLF 2101) Subaraman, S
0201 TuTh.....12:30pm- 1:45pm (TLF 0110) Subaraman, S

CMLT488D (PermReq) Genres: Contemporary British and American Poetry; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 1104) Jellema, R

CMLT488E (PermReq) Genres: The Modern Novel; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 0103) Isaacs, N

CMLT488F (PermReq) Genres: Folk Narrative; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (TLF 1103) Fry, G

CMLT488G (PermReq) Genres: Folksong and Ballad; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 0110) Pearson, B

CMLT489 (PermReq) Major Writers: 19th Century Russian Literature in Translation: Dostoevsky to Chekhov; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 3205) Lekic, M

CMLT489A (PermReq) Major Writers: Austen and Brontes; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 0102) Cate, G

CMLT489C (PermReq) Major Writers: Shakespeare; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (TLF 1104) Leinwand, T
0201 TuTh.....2:00pm- 3:15pm (TLF 1101) Hamilton, D
0202 Beauchamp, V

CMLT489D (PermReq) Major Writers: Chaucer and Malory; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (TLF 0103) Birdsall, E

CMLT489E (PermReq) Major Writers: Joan Didion, Willa Cather and Mary Austin; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TLF 2103) Kornblatt, J

CMLT489F (PermReq) Major Writers: Shakespeare; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 1101) Leinwand, T
0201 TuTh.....11:00am-12:15pm (TLF 1101) Olmert, M
0301 TuTh.....12:30pm- 1:45pm (TLF 1101) Olmert, M

CMLT498A (PermReq) Selected Topics in Comparative Literature: History of Theatrical Theory and Criticism; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (TWS 1204) STAFF
0201 TuTh.....9:30am-10:45am (TWS 2212) Elam, H

CMLT498E (PermReq) Selected Topics in Comparative Literature: History of Ethics: Hobbes to Present; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (JMP 3105) Johnson, C

CMLT498F (PermReq) Selected Topics in Comparative Literature: Philosophy of Art; Grade Method: REG/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (JMP 3105) Brown, J

CMLT498G (PermReq) Selected Topics in Comparative Literature: Philosophy of Beauty; Grade Method: REG/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMP 3104) Brown, J

CMLT498J (PermReq) Selected Topics in Comparative Literature: Blacks in American Life, 1865 to Present; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:30pm- 1:45pm (KEY 0103) Moss Jr., A

CMLT498K (PermReq) Selected Topics in Comparative Literature: History of the Spanish Caribbean; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....11:00am-12:15pm (KEY 0124) Warren, J

CMLT498M (PermReq) Selected Topics in Comparative Literature: American Women Writers and Moderism; Grade Method: REG; — 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 2137) Peterson, C

CMLT498N (PermReq) Selected Topics in Comparative Literature: Literature of the South; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (TLF 0102) Lawson, L

CMLT498P (PermReq) Selected Topics in Comparative Literature: Literary Criticism; Grade Method: REG; — 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 0103) Barry, J

CMLT498Q (PermReq) Selected Topics in Comparative Literature: Film Analysis: The Rhetoric of Fictional Worlds; Grade Method: REG; — 3 credits
0101 Th.....6:30pm-10:00pm (KEY 0106) Miller, J

CMLT498R (PermReq) Selected Topics in Comparative Literature: An American Comedy of Manners: Films of Howard Hawks and Woody Allen; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....6:30pm-10:00pm (KEY 0106) Miller, J

CMLT498S (PermReq) Selected Topics in Comparative Literature: Sophocles and Aristophanes; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 1109) Stehle, E

CMLT498T Selected Topics in Comparative Literature: — 3 credits

(PermReq) Philosophy of Dance; Grade Method: REG/P-F/AUD;
0101 TuTh.....9:30am-10:45am (TAA 1124) Dunn, R

CMLT498V (PermReq) Selected Topics in Comparative Literature: Living Art of Africa; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (ASY 3211) Eyo, E

CMLT498W (PermReq) Selected Topics in Comparative Literature: Cultural Themes in America: Cultural and Mental Disorders in Modern America; Grade Method: REG/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (TLF 2103) Caughey, J

CMLT631 (PermReq) The Medieval Epic; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:00pm (KEY 0116) Bedos-Rezak, B
Time and room to be arranged DIS

CMLT632 (PermReq) The Medieval Romance; Grade Method: REG/AUD; — 3 credits
0101 M.....4:00pm- 6:00pm (TLF 2137) Rutherford, C
Time and room to be arranged DIS

CMLT639A (PermReq) Studies in the Renaissance: Concept of Tragedy; Grade Method: REG/AUD; — 3 credits
0101 Tu.....2:00pm- 4:30pm (JMZ 3118) MacBain, W

CMLT639B (PermReq) Studies in the Renaissance: Readings in Renaissance English Literature; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:00pm (TLF 0108) Hamilton, D
Time and room to be arranged LAB

CMLT639E (PermReq) Studies in the Renaissance: Seminar in Italian Renaissance Art; Grade Method: REG/AUD; — 3 credits
0101 Th.....3:30pm- 6:10pm (ASY 4306) Rearick, W

CMLT649B (PermReq) Studies in Eighteenth Century Literature: Johnson and Boswell; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:00pm (TLF 2137) Marcuse, M
Time and room to be arranged DIS

CMLT679A (PermReq) Seminar in Modern and Contemporary Literature: Realism in Literature, Film and Television; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged Fuegi, J

CMLT679B (PermReq) Seminar in Modern and Contemporary Literature: Black and White Women in Nineteenth Century America.; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:00pm (TLF 0135) Peterson, C
Time and room to be arranged DIS

CMLT679C (PermReq) Seminar in Modern and Contemporary Literature: Henry James and the Man or Woman of Letters; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged Caramello, C

CMLT679D (PermReq) Seminar in Modern and Contemporary Literature: Beckett Directs Beckett: A Television/Film Production; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged Lifton, M

CMLT679F (PermReq) Seminar in Modern and Contemporary Literature: Development of Theatricalisms; Grade Method: REG; — 3 credits
0101 Th.....4:00pm- 6:30pm (TWS 1202) Meersman, R

CMLT679G (PermReq) Seminar in Modern and Contemporary Literature: Historical Consciousness; Grade Method: REG/AUD; — 3 credits
0101 M.....4:30pm- 7:00pm (JMZ 0208) Rabasa, J

CMLT679I (PermReq) Seminar in Modern and Contemporary Literature: Post Modern Social Theory; Grade Method: REG/AUD; — 3 credits
0101 Th.....6:30pm- 9:10pm (ASY 1117) Brown, R

CMLT679J (PermReq) Seminar in Modern and Contemporary Literature: Proust; Grade Method: REG/AUD; — 3 credits
0101 M.....5:00pm- 7:30pm (JMZ 3118) Brami, J

CMLT679K (PermReq) Seminar in Modern and Contemporary Literature: Seminar in Film: Film and Cultural Studies; Grade Method: REG/AUD; — 3 credits
0101 M.....3:00pm- 5:50pm (TWS 0154) Marchetti, G

CMLT679L (PermReq) Seminar in Modern and Contemporary Literature: Readings in Afro-American History; Grade Method: REG/AUD; — 3 credits
0101 M.....4:00pm- 6:00pm (KEY 1118) Moss Jr., A
Time and room to be arranged DIS

CMLT679M (PermReq) Seminar in Modern and Contemporary Literature: Seminar in the History of Women; Grade Method: REG/AUD; — 3 credits
0101 Th.....5:00pm- 7:00pm (KEY 2119) Gullickson, G
Time and room to be arranged DIS

CMLT679O (PermReq) Seminar in Modern and Contemporary Literature: Seminar in Colonial American History; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:00pm (KEY 2119) Olson, A
Time and room to be arranged DIS

CMLT679P (PermReq) Seminar in Modern and Contemporary Literature: Literature and Film; Grade Method: REG/AUD; — 3 credits
0101 Tu.....5:00pm- 7:40pm (JMZ 3207) Beicken, P

CMLT679Q (PermReq) Seminar in Modern and Contemporary Literature: Readings in the History of Rhetorical Theory to 1900; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:00pm (TLF 1104) Donawerth, J
Time and room to be arranged DIS

CMLT679R (PermReq) Seminar in Modern and Contemporary Literature: Readings in 20th Century English Literature; Grade Method: REG/AUD; — 3 credits
0101 M.....4:00pm- 6:00pm (TLF 0135) Kleine, D
Time and room to be arranged DIS

CMLT679S (PermReq) Seminar in Modern and Contemporary Literature: Readings in 20th Century American Literature; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:00pm (TLF 0135) Caramello, C
Time and room to be arranged DIS

CMLT679T (PermReq) Seminar in Modern and Contemporary Literature: Race, Gender, and Empire in Victorian Culture; Grade Method: REG/AUD; — 3 credits
0101 Th.....1:00pm- 3:00pm (TLF 0135) David, D
Time and room to be arranged DIS

CMLT679U (PermReq) Seminar in Modern and Contemporary Literature: Drama Since Beckett; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:00pm (TLF 2137) Freedman, M
Time and room to be arranged DIS

CMLT679V (PermReq) Seminar in Modern and Contemporary Literature: Form and Theory in Fiction; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:00pm (TLF 1102) Norman, H
Time and room to be arranged DIS

CMLT679W (PermReq) Seminar in Modern and Contemporary Literature: Studies in Nineteenth-Century European Art; Grade Method: REG/AUD; — 3 credits
0101 Farquhar, J

CMLT679X (PermReq) Seminar in Modern and Contemporary Literature: The Signification of Passion Between Need and Desire; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged Heyndels, R

CMLT681 (PermReq) Literary Criticism: Ancient and Medieval; Grade Method: REG/AUD; — 3 credits
0101 Th.....6:00pm- 8:40pm (JMZ 0105) Kazazis, J

CMLT799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

CMLT899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

CMSC Computer Science (Comp, Math, & Phys Sci)

CMSC103 Introduction to Computing; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....12:00pm-12:50pm (ARM 0126) Kaye, G
0201 MWF.....1:00pm- 1:50pm (ARM 0126) Kaye, G
0301 TuTh.....3:30pm- 4:45pm (CSS 2324) Preston, D

CMSC110 Introduction to Fortran Programming; Grade Method: REG/P-F/AUD; Computer science majors should take CMSC 112. — 4 credits
0101 TuTh.....8:00am- 9:15am (CSS 2324) Williams, J
WF.....9:00am- 9:50am (CSS 2330) DIS
0102 TuTh.....8:00am- 9:15am (CSS 2324) Williams, J
WF.....9:00am- 9:50am (CSS 2352) DIS
0103 TuTh.....8:00am- 9:15am (CSS 2324) Williams, J
WF.....10:00am-10:50am (CSS 2330) DIS
0104 TuTh.....8:00am- 9:15am (CSS 2324) Williams, J
WF.....10:00am-10:50am (CSS 2352) DIS

CMSC112 Computer Science I; Grade Method: REG/P-F/AUD; Pre- or corequisite: MATH 140. First course for majors. All sections of 112 will have group tests and a group final exam. Where a CMSC exam conflicts with another regularly scheduled class, the student will be provided a make-up exam. — 4 credits
0101 MW.....5:00pm- 6:15pm (CSS 2324) Fontecilla, R
WF.....9:00am- 9:50am (CLB 0109) DIS
0102 MW.....5:00pm- 6:15pm (CSS 2324) Fontecilla, R
WF.....9:00am- 9:50am (CLB 0102) DIS
0103 MW.....5:00pm- 6:15pm (CSS 2324) Fontecilla, R
WF.....10:00am-10:50am (CLB 0109) DIS
0104 MW.....5:00pm- 6:15pm (CSS 2324) Fontecilla, R
WF.....10:00am-10:50am (CLB 0102) DIS
0201 TuTh.....10:30am-10:45am (CLB 0111) Shneiderman, B
WF.....12:00pm-12:50pm (CLB 0109) DIS
0202 TuTh.....9:30am-10:45am (CLB 0111) Shneiderman, B
WF.....12:00pm-12:50pm (CLB 0104) DIS
0203 TuTh.....9:30am-10:45am (CLB 0111) Shneiderman, B
WF.....1:00pm- 1:50pm (CLB 0109) DIS
0204 TuTh.....9:30am-10:45am (CLB 0111) Shneiderman, B
WF.....1:00pm- 1:50pm (CLB 0104) DIS

CMSC113 Computer Science II; Grade Method: REG/P-F/AUD; Prerequisite: CMSC 112. Pre- or corequisite: MATH 141. Credit will be granted for only one of the following: CMSC 113 and CMSC 120. All sections of 113 will have group tests and a group final exam. Where a CMSC exam conflicts with another regularly scheduled class, the student will be provided a make-up exam. — 4 credits
0101 TuTh.....2:00pm- 3:15pm (CLB 0111) Gannon, J
MW.....11:00am-11:50am (CSS 2352) DIS
0102 TuTh.....2:00pm- 3:15pm (CLB 0111) Gannon, J
MW.....11:00am-11:50am (CSS 2330) DIS
0103 TuTh.....2:00pm- 3:15pm (CLB 0111) Gannon, J
MW.....12:00pm-12:50pm (CSS 2352) DIS
0104 TuTh.....2:00pm- 3:15pm (CLB 0111) Gannon, J
MW.....12:00pm-12:50pm (CSS 2330) DIS
0201 TuTh.....12:30pm- 1:45pm (CLB 0104) Mark, L
MW.....11:00am-11:50am (CLB 0109) DIS

CMSC120 Introduction to Pascal Programming; Grade Method: REG/P-F/AUD; Credit will be granted for only one of the following: CMSC 113 and CMSC 120. — 4 credits
0101 TuTh.....9:30am-10:45am (CSS 2330) Williams, J
WF.....11:00am-11:50am (CHE 2145) DIS

CMSC150 Introduction to Discrete Structures; Grade Method: REG/P-F/AUD; Pre- or corequisite: MATH 140. Formerly CMSC 250. All sections of CMSC 150 will gave a group tests and a group final exam. Were a CMSC exam conflicts with another regularly scheduled class, the student will be provided a make-up exam. — 3 credits
0101 MWF.....10:00am-10:50am (CLB 0111) Smith, C
0201 TuTh.....11:00am-12:15pm (CLB 0111) Aloimonos, J

CMSC211 Assembly Language Programming; Grade Method: REG/P-F/AUD; Prerequisite: CMSC 113 or CMSC 120. — 3 credits

0101 TuTh.....2:00pm- 2:50pm (CLB 0109) Kaye, G
MW.....9:00am- 9:50am (CLB 0104) DIS

CMSC220 Introduction to File Processing; Grade Method: REG/P-F/AUD; Prerequisite: CMSC 113 or CMSC 120. 3 credits
0101 TuTh.....11:00am-12:15pm (CSS 2324) STAFF

CMSC311 (PermReq) Computer Organization; Grade Method: REG/P-F/AUD; Prerequisite: CMSC 113. 3 credits
0101 TuTh.....3:30pm- 4:45pm (CLB 0111) Chu, Y

CMSC330 (PermReq) Organization of Programming Languages; Grade Method: REG/P-F/AUD; Prerequisite: CMSC 113. 3 credits
0101 MW.....2:00pm- 2:50pm (CLB 0111) Purtilo, J
F.....1:00pm- 1:50pm (CSS 2330) DIS
0102 MW.....2:00pm- 2:50pm (CLB 0111) Purtilo, J
F.....1:00pm- 1:50pm (CSS 2352) DIS
0103 MW.....2:00pm- 2:50pm (CLB 0111) Purtilo, J
F.....2:00pm- 2:50pm (CSS 2330) DIS
0104 MW.....2:00pm- 2:50pm (CLB 0111) Purtilo, J
F.....2:00pm- 2:50pm (CSS 2352) DIS

CMSC386 (PermReq) Field Work; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: written permission of instructor must be obtained in advance on department form. 1 credit

CMSC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: written permission of instructor must be obtained in advance on department form. 2 credits

CMSC390 (PermReq) Honors Paper; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: admission to CMSC Honors Program. 3 credits

CMSC411 (PermReq) Computer Systems Architecture; Grade Method: REG/P-F/AUD; Prerequisite: CMSC 311 or equivalent. 3 credits
0101 MW.....11:00am-12:15pm (EGR 2107) Agrawala, A
0201 TuTh.....11:00am-12:15pm (CLB 0102) Carson, S

CMSC412 (PermReq) Operating Systems; Grade Method: REG/P-F/AUD; Prerequisite: CMSC 311 or equivalent. 3 credits
0101 TuTh.....11:00am-12:15pm (CHM 0127) Salem, K

CMSC420 (PermReq) Data Structures; Grade Method: REG/P-F/AUD; Prerequisite: CMSC 220 or equivalent. 3 credits
0101 TuTh.....9:30am-10:45am (ITV 1111) Subrahmanian, V
0201 MW.....2:00pm- 3:15pm (CLB 0104) Samet, H

CMSC424 (PermReq) Database Design; Grade Method: REG/P-F/AUD; Prerequisite: CMSC 420. Recommended: CMSC 450. 3 credits
0101 TuTh.....12:30pm- 1:45pm (CLB 0102) Roussopoulos, N
0201 TuTh.....3:30pm- 4:45pm (CLB 0104) Faloutsos, C

CMSC430 (PermReq) Theory of Language Translation; Grade Method: REG/P-F/AUD; Prerequisite: CMSC 330. 3 credits
0101 TuTh.....11:00am-12:15pm (CHM 0128) Furuta, R
0201 TuTh.....8:00am- 9:15am (EGR 2107) Barth, C

CMSC435 (PermReq) Software Design and Development; Grade Method: REG/P-F/AUD; Prerequisite: CMSC 420 and CMSC 430 or equivalent. 3 credits
0101 TuTh.....9:30am-10:45am (CLB 0102) Zelkowitz, M

CMSC450 (PermReq) Elementary Logic and Algorithms; Grade Method: REG/P-F/AUD; Prerequisite: MATH 240 or CMSC 250 or CMSC 150. Also offered as MATH 444. Credit will be granted for only one of the following: MATH 444 or CMSC 450. 3 credits
0101 MWF.....1:00pm- 1:50pm (MTH 0101) Green, P
0201 TuTh.....11:00am-12:15pm (MTH 0403) Pinchuk, B
0301 TuTh.....12:30pm- 1:45pm (MTH 0302) Lopez-Escobar,

CMSC451 (PermReq) Design and Analysis of Computer Algorithms; Grade Method: REG/AUD; Prerequisites: CMSC 113; and [CMSC 150 or CMSC 250]. Recommended: CMSC 420. 3 credits
0101 TuTh.....9:30am-10:45am (EGR 2107) Pugh, W

0201 TuTh.....2:00pm- 3:15pm (CLB 0104) Elman, H

CMSC452 (PermReq) Elementary Theory of Computation; Grade Method: REG/P-F; Prerequisites: CMSC 113; and [CMSC 150 or CMSC 250]. 3 credits
0101 TuTh.....2:00pm- 3:15pm (CLB 0102) Miller, R

CMSC460 (PermReq) Computational Methods; Grade Method: REG/P-F/AUD; Prerequisite: MATH 240 and MATH 241; and CMSC 110 or CMSC 113. Also offered as MAPL 460. Credit will be granted for only one of the following: CMSC/MAPL 460 or CMSC/MAPL 466. 3 credits
0101 TuTh.....8:00am- 9:15am (CLB 0109) Fontecilla, R
0201 TuTh.....11:00am-12:15pm (MTH 0302) Rodriguez, R

CMSC466 (PermReq) Introduction to Numerical Analysis I; Grade Method: REG/P-F/AUD; Prerequisite: MATH 240; and MATH 241; and CMSC 110 or equivalent. Also offered as MAPL 466. Credit will be granted for only one of the following: CMSC/MAPL 460 or CMSC/MAPL 466. 3 credits
0101 MWF.....1:00pm- 1:50pm (MTH B0421) STAFF
0201 TuTh.....2:00pm- 3:15pm (MTH 1313) STAFF

CMSC467 (PermReq) Introduction to Numerical Analysis II; Grade Method: REG/P-F/AUD; Prerequisite: MAPL/CMSC 466. Also offered as MAPL 467. 3 credits
0101 TuTh.....11:00am-12:15pm (MTH 0411) Nochetto, R

CMSC475 (PermReq) Combinatorics and Graph Theory; Grade Method: REG/P-F/AUD; Prerequisites: MATH 240 and MATH 241. Also offered as MATH 475. 3 credits
0101 MWF.....9:00am- 9:50am (MTH B0429) Adams, W

CMSC498A (PermReq) Special Problems in Computer Science; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: written permission of instructor required in advance on department form. 1-3 credits

CMSC498C (PermReq) Special Problems in Computer Science: Computer Graphics; Grade Method: REG/P-F/AUD; Prerequisite: CMSC 250 (or 150). CMSC 420 is recommended. Also offered as CMSC 828C. 3 credits
0101 TuTh.....9:30am-10:45am (CSS 2324) Mount, D

CMSC498E (PermReq) Special Problems in Computer Science: Computers and Society; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (CLB 0111) Atchison, W

CMSC612 (PermReq) Computer Systems Theory; Grade Method: REG/AUD; Prerequisites: CMSC 411; and CMSC 412; and STAT 400. 3 credits
0101 MW.....12:30pm- 1:45pm (CLB 0102) Shankar, A

CMSC620 (PermReq) Problem Solving Methods in Artificial Intelligence; Grade Method: REG/AUD; Prerequisites: CMSC 420; and CMSC 450. 3 credits
0101 MW.....2:00pm- 3:15pm (EGR 2107) Hendler, J

CMSC624 (PermReq) Database Management Systems; Grade Method: REG/AUD; Prerequisite: CMSC 424 or permission of instructor. 3 credits
0101 TuTh.....3:30pm- 4:45pm (CLB 0102) Sellis, T

CMSC630 (PermReq) Theory of Programming Languages; Grade Method: REG/AUD; Prerequisite: CMSC 430. 3 credits
0101 MW.....8:30am- 9:45am (ITV 1111) Stotts, D

CMSC650 (PermReq) Theory of Computing; Grade Method: REG/AUD; Prerequisite: CMSC 452. 3 credits
0101 TuTh.....11:00am-12:15pm (CLB 0104) Edmundson, H

CMSC651 (PermReq) Analysis of Algorithms; Grade Method: REG/AUD; Prerequisite: CMSC 451. 3 credits
0101 MW.....10:30am-11:45am (CLB 0104) Kruskal, C

CMSC666 (PermReq) Numerical Analysis I; Grade Method: REG/AUD; Prerequisites: CMSC/MAPL 466; and MATH 410. Also offered as MAPL 666. 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 0106) Oleary, D

CMSC667 (PermReq) Numerical Analysis II; Grade Method: REG/AUD; Prerequisite: CMSC/MAPL 666. Also offered as MAPL 667. 3 credits
0101 TuTh.....11:00am-12:15pm (MTH 1313) Babuska, I

CMSC730 (PermReq) Artificial Intelligence; Grade Method: REG/AUD; Prerequisites: CMSC 620; and STAT 401. 3 credits
0101 TuTh.....5:00pm- 6:15pm (CLB 0102) Kanal, L

CMSC750 (PermReq) Advanced Theory of Computation; Grade Method: REG/AUD; Prerequisite: CMSC 650. 3 credits
0101 MW.....2:00pm- 3:15pm (CLB 0102) Gasarch, W

CMSC760 (PermReq) Advanced Linear Numerical Analysis; Grade Method: REG/AUD; Prerequisite: CMSC/MAPL 666 or permission of instructor. Also offered as MAPL 600. Formerly CMSC 770. 3 credits
0101 TuTh.....12:30pm- 1:45pm (MTH B0429) Stewart, G

CMSC798A (PermReq) Graduate Seminar in Computer Science; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor. 1-3 credits

CMSC799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

CMSC818A (PermReq) Advanced Topics in Computer Systems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor. 1-3 credits

CMSC828A (PermReq) Advanced Topics in Information Processing; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor. 1-3 credits

CMSC828C (PermReq) Advanced Topics in Information Processing: Computer Graphics; Grade Method: REG/AUD; Prerequisite: permission of instructor. Also offered as CMSC498C. 3 credits
0101 TuTh.....9:30am-10:45am (CSS 2324) Mount, D

CMSC828L (PermReq) Advanced Topics in Information Processing: Advanced Topics in Data Bases; Grade Method: REG/AUD; Prerequisite: permission of instructor. 1-3 credits
0101 W.....1:00pm- 4:00pm (CHE 2118) Mark, L

CMSC828M (PermReq) Advanced Topics in Information Processing: Foundations of Logic Programming; Grade Method: REG/AUD; Prerequisite: CMSC 620. 3 credits
0101 TuTh.....12:30pm- 1:45pm (CLB 0109) Minker, J

CMSC838A (PermReq) Advanced Topics in Programming Languages; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor. 1-3 credits

CMSC838R (PermReq) Advanced Topics in Programming Languages: Modeling Software Processes: Concepts, Languages and Experience; Grade Method: REG/AUD; See instructor for information. 1-3 credits
0101 Time and room to be arranged Rombach, H

CMSC838S (PermReq) Advanced Topics in Programming Languages: Petri Net Theory and Applications; Grade Method: REG/AUD; See instructor for information. 1 credit
0101 Time and room to be arranged Stotts, D

CMSC858A (PermReq) Advanced Topics in Theory of Computing; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor. 1-3 credits

CMSC878A (PermReq) Advanced Topics in Numerical Methods; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor. 1-3 credits

CMSC899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

CNEC Consumer Economics (Human Ecology)

CNEC100 Introduction to Consumer Economics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....9:30am-10:45am (MMH 1400) Turner, P
0201 TuTh.....8:00am- 9:15am (MMH 1304) Hacklander, E

CNEC298A (PermReq) Special Topics: Computer Applications in Consumer Economics; Grade Method: REG/AUD; Limited to freshmen and sophomores who are majors in textiles and consumer economics. 3 credits
0101 MW.....11:00am-11:50am (MMH 2212) Pourdeyhimi, B
F.....11:00am-12:50pm (MMH 2212) LAB

CNEC310 Consumer Economics and Public Policy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: ECON 201; and ECON 203. 3 credits
0101 TuTh.....2:00pm- 3:15pm (MMH 1304) Verma, S
0201 MWF.....2:00pm- 2:50pm (MMH 1304) Whittington, L

CNEC385 (PermReq) Junior Honors Seminar; Grade Method: S-F; Limited to juniors in the departmental honors program. Limited to departmental majors. 1 credit
0101 Time and room to be arranged Wagner, J

CNEC388 (PermReq) Field Work and Analysis in Consumer Economics; Grade Method: S-F; 3-6 credits
0101 Time and room to be arranged Dardis, R

CNEC400 Research Methods; Grade Method: REG/P-F/AUD; Prerequisite: MATH 110 or MATH 115. Not open to students who have completed TEXT 400 or BMGT 230. 3 credits
0101 TuTh.....9:30am-10:45am (MMH 1304) Verma, S

CNEC410 Consumer Finance; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: ECON 201; and ECON 203. Not open to students who have completed FMCD 441. 3 credits
0101 MWF.....11:00am-11:50am (MMH 3418) Soberon-Ferrer,

CNEC431 The Consumer and the Law; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 M.....6:00pm- 8:40pm (MMH 1400) Jakitsch, R
0301 Tu.....6:00pm- 8:40pm (MMH 1400) Goldberg, F
0401 W.....6:30pm- 9:10pm (MMH 1400) Ensor, B
0501 TuTh.....3:30pm- 4:45pm (MMH 1400) Brannigan, V

CNEC433 Consumer Law: Advertising and Solicitation; Grade Method: REG/P-F/AUD; Prerequisite: CNEC 431 or permission of department. Course offered in spring semester only. 3 credits
0101 W.....3:00pm- 5:30pm (MMH 1304) STAFF

CNEC435 Economics of Consumption; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: [ECON 201; and ECON 203] or [ECON 205 for non-majors]. 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARM 0112) Mokhtari, M

CNEC437 Consumer Behavior; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: PSYC 100; and SOCY 100. 3 credits
0101 TuTh.....11:00am-12:15pm (SYM 0200) Ettenson, R
0201 TuTh.....2:00pm- 3:15pm (ARM 0110) Ettenson, R
0301 MWF.....9:00am- 9:50am (ARM 0117) Hacklander, E

CNEC455 Product Standards; Grade Method: REG/P-F/AUD; Prerequisite: permission of department. Course offered in spring semester only. 3 credits
0101 W.....3:30pm- 6:10pm (ARM 0119) Spivak, S

CNEC488 (PermReq) Senior Honors Thesis; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

CNEC498 (PermReq) Special Studies; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 2-4 credits

---

COOP Cooperative Education Program (Undergraduate Studies)

COOP098 (PermReq) Co-Op Work Experience I; Grade Method: S-F; No credit
0101 Time and room to be arranged Martin, T

COOP099 (PermReq) Co-Op Work Experience II; Grade Method: S-F; No credit
0101 Time and room to be arranged Martin, T

CRIM Criminology (Behavior & Social Sci)

CRIM220 Criminology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....11:00am-11:50am (TLF 0124) Triplett, R
0201 TuTh.....9:30am-10:45am (TYD 1101) Siman, B
0301 MWF.....9:00am- 9:50am (TYD 1102) Triplett, R
0401 TuTh.....12:30pm- 1:45pm (LEF 2166) Siman, B

CRIM359 (PermReq) Field Training in Criminology and Corrections; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: CRIM 220 and CRIM 450, majors only, and permission of department. 1-6 credits

CRIM386 (PermReq) Field Work; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Have junior standing by Aug 1989, have a 3.2 cumulative GPA, earned a grade of "A" in the course in which assisting. 1-3 credits

CRIM387 (PermReq) Field Work Analysis; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: Have junior standing by Aug 1989, have a 3.2 cumulative GPA, earned a grade of 'A' in the course in which assisting. 1-3 credits

CRIM388H (PermReq) Independent Reading Course in Criminology; Grade Method: REG; For honor students only. Prerequisite: SOCY 100. 3 credits
0101 W.....3:00pm- 4:00pm (LEF 2220R) Sabol, W
Time and room to be arranged DIS

CRIM389H (PermReq) Independent Research in Criminology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: for honors students only. 3 credits

CRIM398 (PermReq) Independent Study in Criminology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: written consent of faculty under whose direction the study is to be performed, and at least twelve hours of criminology credits. 1-3 credits

CRIM450 Juvenile Delinquency; Grade Method: REG/P-F/AUD; Prerequisite: CRIM 220. 3 credits
0101 MWF.....11:00am-11:50am (SHM 2102) Iovanni, L
0201 TuTh.....9:30am-10:45am (LEF 1221) Iovanni, L

CRIM451 Crime and Delinquency Prevention; Grade Method: REG/P-F/AUD; Prerequisite: CRIM 220 or CRIM 450 or permission of department. 3 credits
0101 TuTh.....9:30am-10:45am (TLF 0124) Katzenelson, S

CRIM452 Treatment of Criminals and Delinquents in the Community; Grade Method: REG/P-F/AUD; Prerequisite: CRIM 220 or CRIM 450 or permission of department. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TLF 0101) Katzenelson, S

CRIM453 Institutional Treatment of Criminals and Delinquents; Grade Method: REG/P-F/AUD; Prerequisite: CRIM 220 or CRIM 450 or permission of department. 3 credits
0101 MWF.....8:00am- 8:50am (TYD 1101) Maida, P

CRIM454 Contemporary Criminological Theory; Grade Method: REG/P-F/AUD; Prerequisite: [CRIM 220; and CRIM 450; and CRIM 451] or [CRIM 452 or CRIM 453]. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 1101) Siman, B

CRIM455 Psychology of Criminal Behavior; Grade Method: REG/P-F/AUD; Prerequisite: CRIM 220 or equivalent; and PSYC 331 or equivalent. 3 credits
0101 MWF.....1:00pm- 1:50pm (TYD 1102) Gaston, A

CRIM498A Selected Topics in Criminology: Women and Crime; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....4:00pm- 6:45pm (LEF 1222) Simpson, S

CRIM498B Selected Topics in Criminology: Neighborhood Justice and the Criminal Justice System; Grade Method: REG; Prerequisite: LENF 100 or CRIM 220. 3 credits
0101 W.....2:00pm- 4:45pm (LEF 1220) Maida, P

CRIM498C (PermReq) Selected Topics in Criminology: Economics of Crime and Law Enforcement; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....4:00pm- 5:15pm (WDS 0104) Sabol, W

CRIM498D Selected Topics in Criminology: Comparative Criminology; Grade Method: REG/AUD; Prerequisite: CRIM 220 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 1222) Ingraham, B

CRIM610 Research Methods in Criminal Justice and Criminology; Grade Method: REG; Prerequisite: completion of research methods and statistics requirements for the M.A. Degree. 3 credits
0101 Tu.....4:00pm- 6:45pm (TLF 2101) Loftin, C
Tu.....3:00pm- 4:00pm (LEF 1210) LAB

CRIM651 Seminar in Criminology; Grade Method: REG/AUD; 3 credits
0101 M.....4:00pm- 6:45pm (LEF 2208) Wellford, C

CRIM652 Seminar in Juvenile Delinquency; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:45pm (LEF 1201) Gottfredson, D

CRIM654 History of Criminological Thought; Grade Method: REG; Prerequisite: CRIM 454 or equivalent. 3 credits
0101 W.....4:00pm- 6:45pm (LEF 1210) Paternoster, R

CRIM699 (PermReq) Special Criminological Problems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

CRIM699A Special Criminological Problems: Advanced Criminological Research Methods; Grade Method: REG; 3 credits
0101 Th.....4:00pm- 6:45pm (LEF 2208) Smith, D

CRIM699B Special Criminological Problems: Women and Crime; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:45pm (LEF 1222) Simpson, S

CRIM699D Special Criminological Problems: Neighborhood Justice and the Criminal Justice System; Grade Method: REG; Prerequisite: CJUS 100 or CRIM 220. 3 credits
0101 W.....2:00pm- 4:45pm (LEF 1220) Maida, P

CRIM799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

CRIM899 Doctoral Dissertation Research; Grade 1-8 credits

Course Listings continued on page 52

CLIP 'N SAVE Coupons

Take Advantage of These Bargains!
Rip Out the Whole Page and Clip Coupons as Needed

"Forever Young"
Unisex Sportwear

GRAND OPENING SPECIAL

$10.00 OFF

Any purchase of $100.00 or more at "Forever Young"

7402 Baltimore Blvd.
College Park, MD

209-0090

THE HAIR STYLERY

7244 Baltimore Ave.— next to Roth 99¢ theater 277-1188
NO APPOINTMENT NECESSARY
Monday-Friday 9:00am-7:00pm, Saturday 9:00am-5:00pm

HAIRCUT
Men & Women
$8.00 (reg. $11)
with coupon
one per customer
Not valid with any other offer
Exp. March 9, 1990

25% Off
regular prices with student ID at all times
Perms, Colors, Frosting, Highlighting, Facial Waxing, etc.
Remember, you don't need a coupon, just your ID.

PERMANENT
$30.00 (reg. $48)
with coupon
one per customer
Not valid with any other offer
Exp. March 9, 1990

$1 Off Any $5.00 Purchase

Hawthorne's
Chicago Eatery

$1 Off Any $5.00 Purchase

345-3161
The area's best Now Delivers!
Now Serving Ice Cold Draft Beer w/ your Chicago Favorites.

FREE DELIVERY
5:30-9:30 $5.00 min.
3 mile radius

- Italian Beef
- Italian Sausage
- Charbroiled Chicken & Burgers
- All Beef Hot Dogs
- Pasta & Salads

Please mention coupon when ordering *Not valid with other coupons* *Exp. 4/30/90*

PASS 2 FOR 1 on GENERAL ADMISSION

OFFER EXPIRES FEB. 28, 1990

Limited To Daily Admission Only. Limit One Coupon Per Person. Adult Admission Prevails.

Calvert Rd. accessible only on Kenilworth Avenue

LEGEND

A	Adult Night (18 & Over)
G	General Admission
GF	Family Night — up to 5 children Free with paying Mom or Dad (skates not included)
GS	Special $2.50 (includes skates)
GT	"2 for 1" Night
GR	Rock Music
PH	Pickup Hockey

WELLS ICE RINK
5211 CALVERT RD.
277-0654
TDD 249-4252

MONDAY	FRIDAY
12:00-2:00 GS	12:00-2:00 GS
2:30-4:30 GS	3:00-5:00 GS
TUESDAY	7:00-9:00 GR
12:00-2:00 GS	10:30-12:30 PH
2:30-4:30 GS	**SATURDAY**
WEDNESDAY	1:30-3:30 G
12:00-2:00 GS	7:00-9:00 G
3:00-5:00 GS	**SUNDAY**
7:00-9:00 GT	2:00-4:00 G
THURSDAY	7:00-9:00 GF
12:00-2:00 GS	9:30-11:30 PH
7:30-9:30 A	

Tan Venture
Sun Club

7404-A Baltimore Ave.
College Park, MD
(Above Pizza House)
Open 7 Days: Mon-Thu 10am-10pm/
Fri 10am-8pm/Sat-Sun 11am-6pm

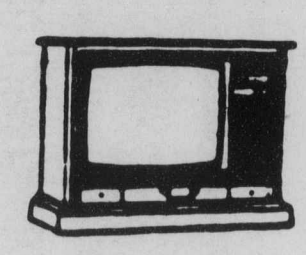
277-6464

3 Month Unlimited Membership — Only $125.00

2 FREE Tanning Sessions
With Purchase Of Tanning Package
6 for $30 = (Total 8)
Offer Exp. 3/15/90

WIN
A SKI TRIP TO COLORADO DURING SPRING BREAK
Buy any package and become eligible for Drawing — Deadline 3/15/90

King Rent-A-Fridge



Free Pickup & Delivery

9519 Georgia Ave. (Rear)
Silver Spring, MD 20910
565-8035

Small Black & White TV
***$25** per semester w/coupon*

Color TV
***$65** per semester w/coupon*

Microwave Ovens
***$65** per semester w/ coupon*

PURPLE PIZZA & SUBS

RATED #1 BY WASHINGTONIAN MAGAZINE
July 1988

Award-Winning Pizza

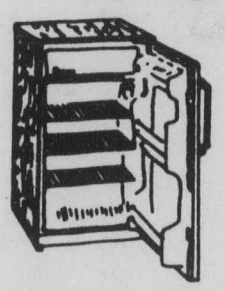
Overstuffed Subs

7409 Baltimore Blvd.
College Park

Call 864-7900 for Fast Free Delivery

$1.50 Off LARGE PIZZA
2 toppings or more

King Rent-A-Fridge



Free Pickup & Delivery to Your Room

We Specialize in Waist-High Refrigerators

$5 off
on one semester rental with this coupon

Call 565-8035

Expires Feb. 28, 1990

THE RECORD TAPE EXCHANGE

15% off next purchase

expires Feb. 15, 1990

Beautiful Day Co.
Organic Since 1970 Foods
345-2121

Expires April 15, 1990

Fresh Produce
Grains & Legumes
Nuts & Seeds
Juices, Apple ect...
Breads & Granola
Soups, Coffee
Chips & Snacks
Soy Milk, 8 Kinds

...and just about anything else Organic you can think of...

Try Our Low Calorie Vegetarian Cookies

Berwyn Cafe

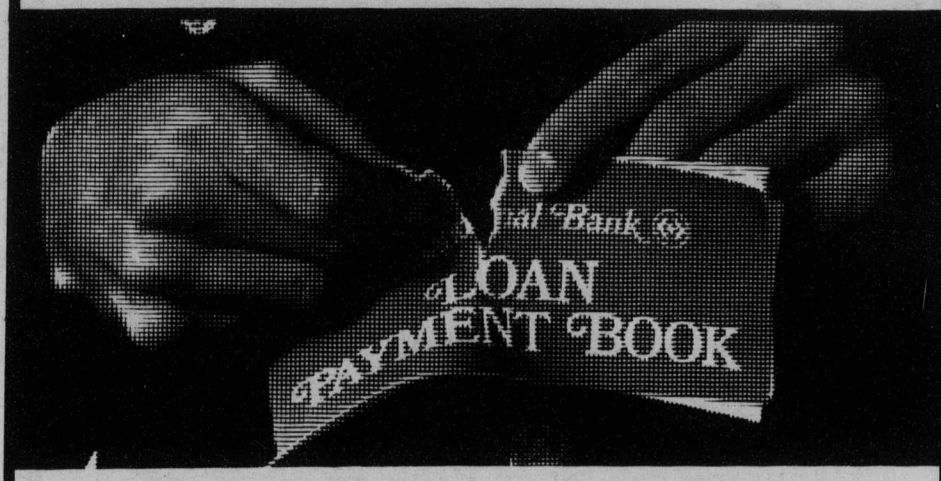
$5

With This Coupon
Buy One Entree And
Get a Second One Free
UpTo Five Dollars In Value
We've Been Defining Organic For A Long Time!

5010 Berwyn Rd.
College Park, MD.

Monday/Friday 9 to 7:30
Saturday 8 to 7:30, Sun. 10 to 4

HERE'S ONE COLLEGE MEMORY WE'LL HELP YOU FORGET.



If you're like a lot of people, your longest-lasting memory of college is the student loan you're still paying back. The Army has a solution, though: qualify, sign up with us, and we'll sign off on your loan.

Each year you serve as a soldier, the Army will reduce your college debt by 1/3 or $1,500, whichever amount is greater. So after serving just 3 years, your government loan could be completely paid off.

You're eligible for this program if you have a National Direct Student Loan, or a Guaranteed Student Loan, or a Federally Insured Student Loan made after October 1, 1975. The loan must not be in default.

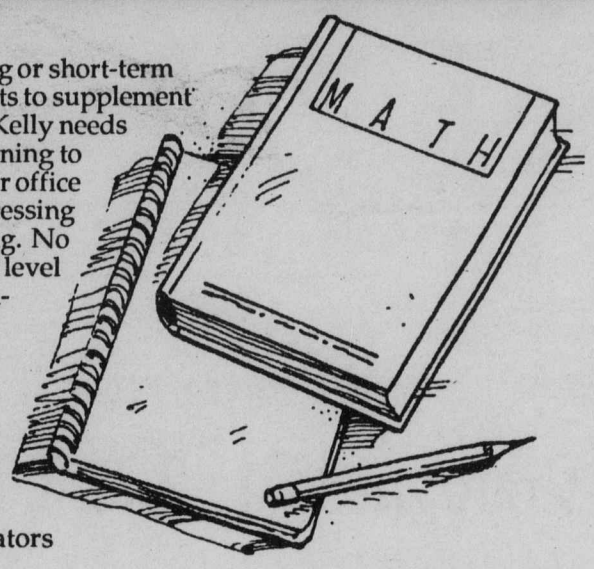
Get a clean slate, by erasing your college debt. Take advantage of the Army's Loan Repayment Program. Your local Recruiter can tell you if you qualify.

For more information call:

(301) 436-2077 **ARMY.** **(301) 436-2078**

BE ALL YOU CAN BE.

KELLY NEEDS STUDENTS



If your looking for long or short-term temporary assignments to supplement your financial needs, Kelly needs you. We offer free training to help you upgrade your office skills, learn word processing or improve your typing. No matter what your skill level we have a great assignment waiting for you.

Clerks
Receptionists
Data Entry Operators
Secretaries
Typists
Word Processor Operators
PC Operators
Light Industrial
Marketing

As the best known name in temporary services, Kelly can offer the best assignments and the best pay. So, if your looking for something that will earn you some cash and experience, look no further. Call today!

We have the assignment you want.

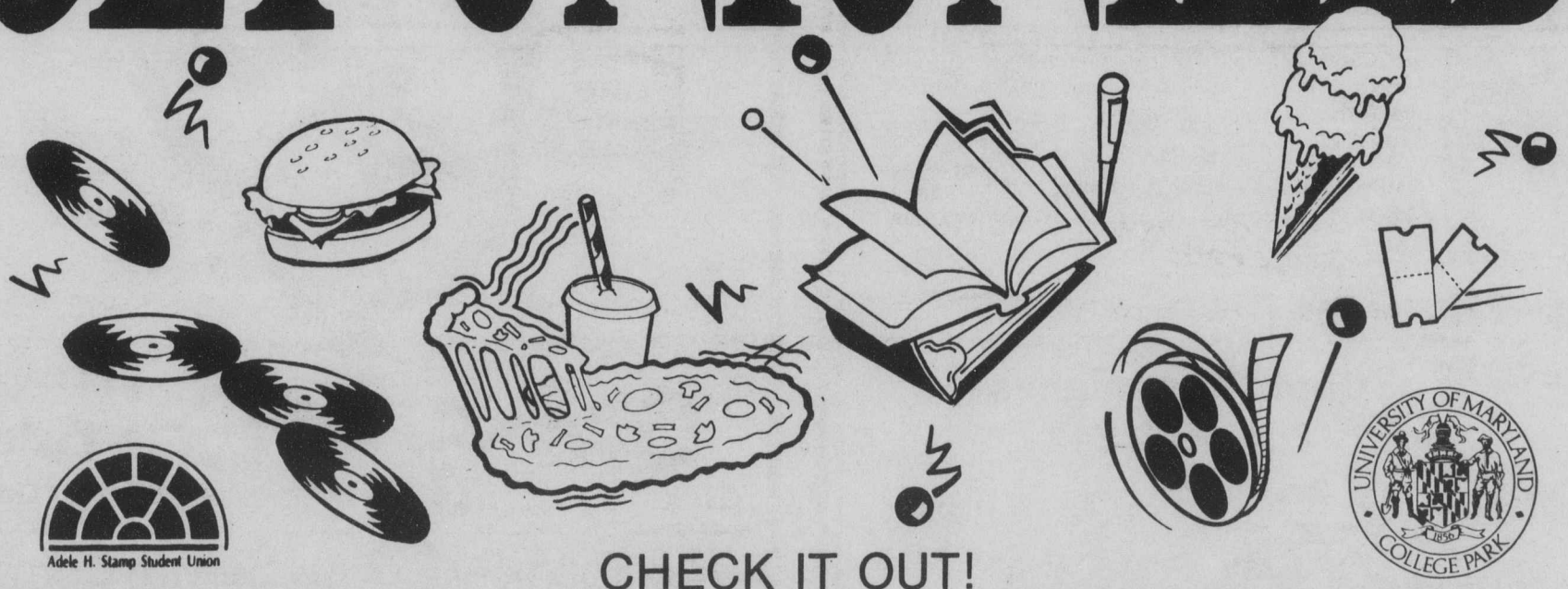
KELLY Temporary Services

The Kelly Girl® People–The First And The Best.™

Rockville 468-2083 Bethesda 951-4366 Greenbelt 474-2830

Not an agency—never a fee EOE M/F/H

GET UNIONIZED.



CHECK IT OUT!

WE'VE GOT IT ALL AT THE ADELE H. STAMP STUDENT UNION!

FOR INFORMATION CALL 454-2801

HERITAGE P·A·R·K

APARTMENTS

1820 Metzerott Rd., #12

Renovated 1, 2 & 3 Br. Apts.

Large Balconies
Choice of Carpet or Hardwood Floors
On U of M Shuttle Route
2 Metro Bus Stops
Pool & Basketball Court

439-4464

AIM HIGH

MOVING *UP* HAS A WHOLE DIFFERENT MEANING FOR AIR FORCE ROTC CADETS.

Virtually all college students plan to move up in their career. But Air Force ROTC cadets can begin the training toward a career that goes higher *and* faster. In fact, if you'd like to begin a life in the sky, your best *first* step is Air Force ROTC.

You'll learn the confidence you'll need whether you're going to plot a course as a navigator or take the controls as a pilot. FAA-approved flight lessons will launch you for the first time. And as your college career develops, so do the skills you'll need as an Air Force officer.

Begin early in college, and you'll be eligible for scholarships that can pay expenses and provide you $100 each academic month, tax-free. After graduation, you'll be ready to take the challenge of an intensive, rigorous training program.

Move up with Air Force ROTC now, and you can move up with the Air Force as an officer. Contact your campus Air Force representative:

Capt. Pete Hughes
301-454-3242

AIR FORCE ROTC

Leadership Excellence Starts Here

JOIN OUR TEAM *AND MAKE A DIFFERENCE!*

Make a one year commitment to make a difference in the lives of others. Work with children, the elderly, the disabled, and others.

- $2000 for school or housing after one year of service.
- $5000 for school or housing after two years of service.
- Earn an hourly wage.
- Educational opportunities

ELIGIBILITY

- Montgomery County residents
- Between 16 and 23 years old
- Able to work 30 to 40 hours per week
- Willing to make a one year commitment

FOR INFORMATION CALL:
294-8720

Giving to Gain

Montgomery County Service Corps

ASW WINTER 89/90 SPECIALS SALE ENDS 1/31/90

MORE SAVINGS-MORE TO SAVE ON-EVERYDAY!

At ASW our only concern is serving the artist. you will not find lots of general merchandise or craft items in our stores because our aim is quite simple; to give the artist the largest selection possible at the greatest possible savings. When you shop ASW you'll fine art supplies of all sorts and a staff dedicated to serving the interests of the artist community. So if you don't see what you need just ask. Chances are we'll stock that item next time you're in and most importantly, save you money and time. If you have not visited one of our stores, come on down and see what a full line art supply store is really like. For afterall,

ASW Is... ART SUPPLIES FOR TODAYS ARTIST℠

LEDU COMBO LAMP
Contemporary design with fair shade and incandescent and fluorescent bulbs. Complete with positioning handle and drafting bracket.
SAVE 40%
ONLY! 64.99

SIMPLEX DRAFTING TABLE WITH 30x42" TOP
SAVE $100
With round tubular steel frame in white baked enamel finish and warp-free laminated white drawing board. Adjustable in height and board angle. Seen elsewhere as much as $180.00.
ONLY! 79.99

TABORET BEST BUYS
TRIAD OR AMERICANA
ONLY! 89.99

LOGAN 3000 MAT CUTTER
Advanced hand mat cutter for perfect 45° bevel cuts. With start and stop cut indicator. All metal construction.
SAVE 40%
ONLY! 15.99

IWATA AIR-BRUSHES
SAVE 45%
79.99
99.99
99.99

CUSTOM BUILT TABLE 31x42" TOP
This all wood table has a pedestal design, walnut finished base and solid wood table top with built in aluminum T-edge. It is completely adjustable in angle and height. If you're looking for a solid table this is the one to own. Get yours today for less than $90.
SAVE 45%
ONLY! 89.99

BADGER 180-1 COMPRESSOR
SAVE 40%
ONLY! 89.99

GRUMBACHER NO. 221 EASEL
Solid mahogany wood easel that takes canvases up to 50" high and any reasonable width. Double post design, rear leg stabilizers, and sure-fit ratchet system makes this easel easy to use and get used to. An unmatched value.
SAVE 50%
ONLY! 99.99

DREAMATIC AIRLIFT DRAFTING CHAIR
SAVE 50%
ONLY! 129.99

ASW ART SUPPLY WAREHOUSE
FREE CATALOG · FREE PARKING
HRS: MONDAY-SATURDAY 9:30-5:30 PM
(Other Location Norwalk, CT)
MasterCard VISA

PROVIDENCE, RI
14 Imperial Way
CALL: 331-4530
COLLEGE PARK, MD
8145 Baltimore Blvd.
CALL: 982-0744

lessons in economics:

25% OFF Our Best Selling Contact Lenses

DAILY WEAR
$37.00 REG. 49
• Softmate 'B'
• Bausch & Lomb Sofspin
• Cooperthin

EXTENDED WEAR
$49.00 REG. 69
• Softmate II
• Bausch & Lomb 'O' Series
• American Hydron Zero 4
• Durasoft III

You don't need to be an Economics Major to know a Super Deal!

'Fashion' EYEGLASSES
*Price includes your choice of a frame from our 'Fashion' Collection with prescription lenses. There is never an extra charge for plastic, photo-grey, oversize or tinted lenses.
*SINGLE VISION Non-Cataract Lenses
$49

Visit FOR EYES OPTICAL COMPANY.
It might be the most important lesson you learn today.

FOR EYES®
Keeping Values in Sight.℠

GREENBELT
Greenway Mall
7557 Greenbelt Rd.
345-4505

EYE EXAMS
Available on Premises by independent Doctor of Optometry.

©Copyright 1988 For Eyes Optical Co.

A Crash Course In Furniture Rental

Course 101: (without Aaron Rents)

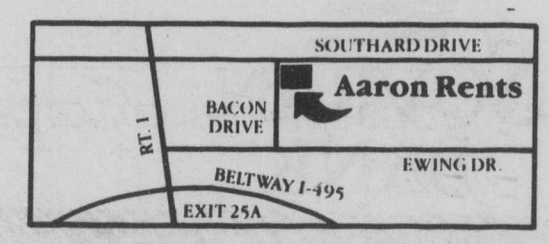
Course 102: (with Aaron Rents)

SPECIAL STUDENT SAVINGS:

25% Off First Month's Rent and No Security Deposit!

Bring in this ad and present your student I.D. to receive offer.

We'll match any competitor's offer. At Aaron Rents you get more: lowest rates, short-term rental period, next-day delivery and wide selections. With Aaron Rents, it's easy to turn your campus quarters into a class act.



Aaron Rents Furniture®

10211 Bacon Drive, Beltsville, MD 937-1433

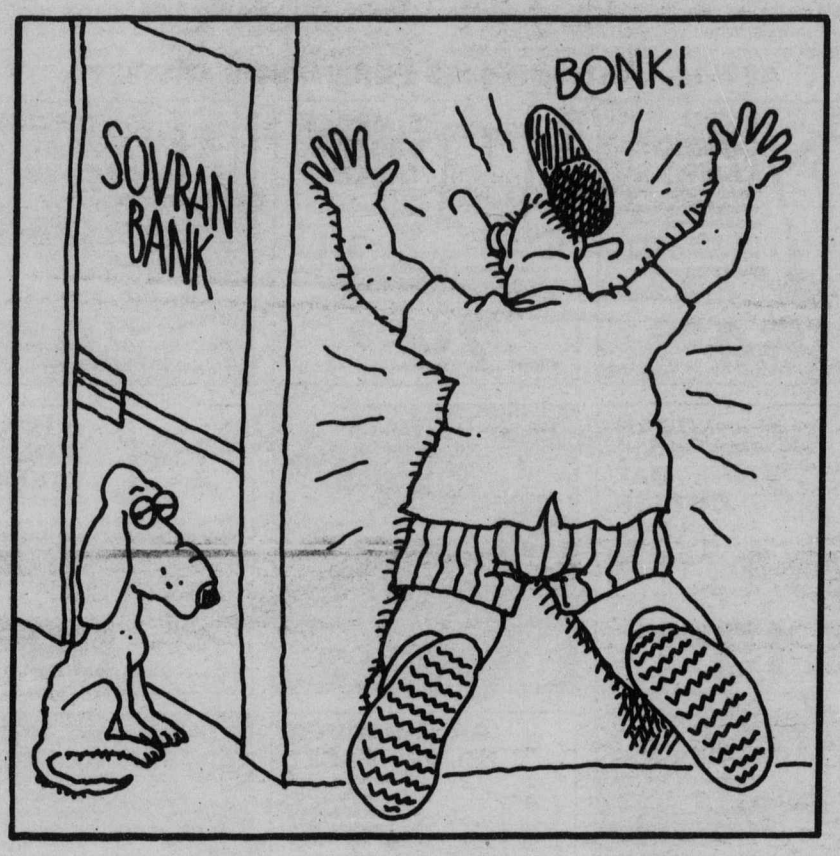
LAUNDROMAT

Campus Village Shopping Center
8145N Baltimore Blvd. (Rt. 1)

Open: 7:00 a.m. to 11:00 p.m.
★ ★ ★ 7 DAYS A WEEK ★ ★ ★

$1.00 for 18 lb. Speed Queen Top Loaders
$2.00 for 25 lb. Speed Queen Super Load Front Loaders
$3.00 for 40 lb. Speed Queen Bulk Front Loaders
$0.25 for 10 minutes Speed Queen 30 lb. Dryers

$$$ SAVE ON ALL YOUR LAUNDRY NEEDS $$$



Everywhere he went, Norman ran into a Sovran Bank.

When Norman found out about Sovran Bank/Maryland's convenient location near the University of Maryland, he opened a checking account there.

He liked it so much, the next day he went back to open his pre-approved Personal Line overdraft protection. And he figured while he was there, he'd better get a Cash Flow® card for easy ATM access. Now Norman can go all around town and still be close to his bank.

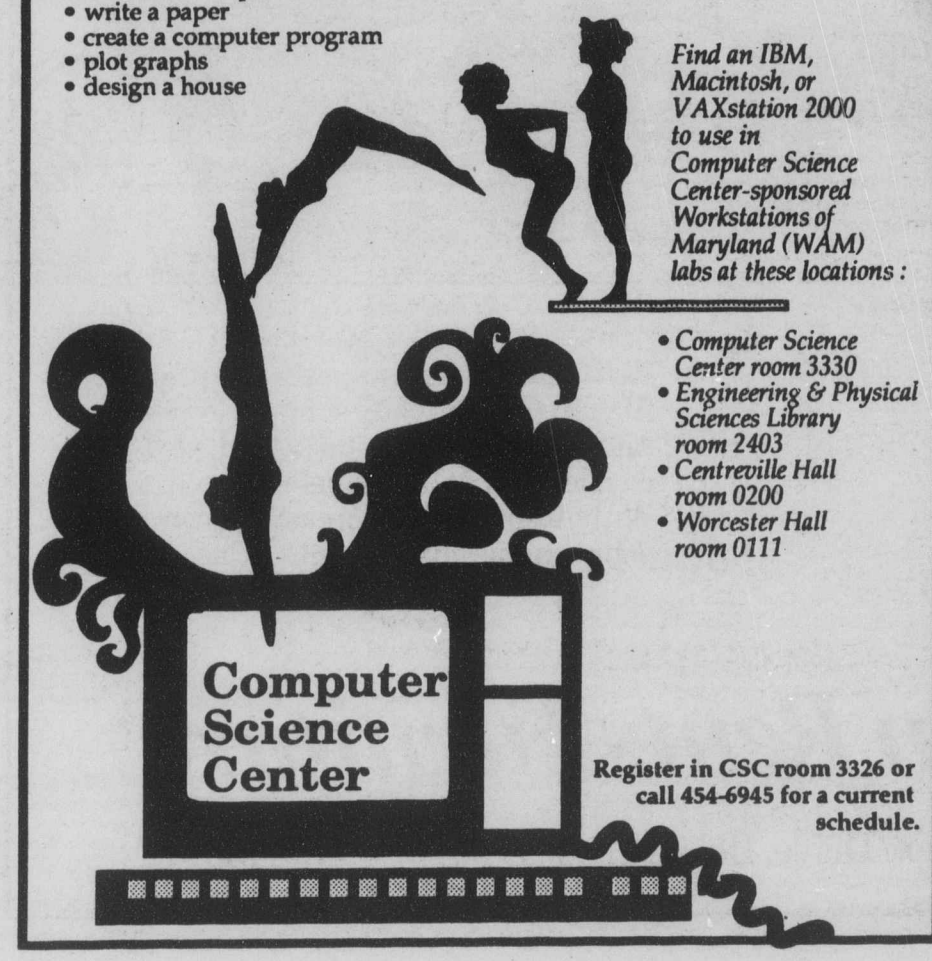
Call the College Park office at 454-8412 for an appointment to open your account.

SOVRAN BANK®

Take the computing plunge this semester...

The Computer Science Center's Peer Training Program can bring you up to speed on the IBM or Macintosh in a hurry. Free evening or weekend classes can enhance your computer literacy and improve your word processing proficiency.

Use a microcomputer to
- write a paper
- create a computer program
- plot graphs
- design a house



Find an IBM, Macintosh, or VAXstation 2000 to use in Computer Science Center-sponsored Workstations of Maryland (WAM) labs at these locations :

- *Computer Science Center room 3330*
- *Engineering & Physical Sciences Library room 2403*
- *Centreville Hall room 0200*
- *Worcester Hall room 0111*

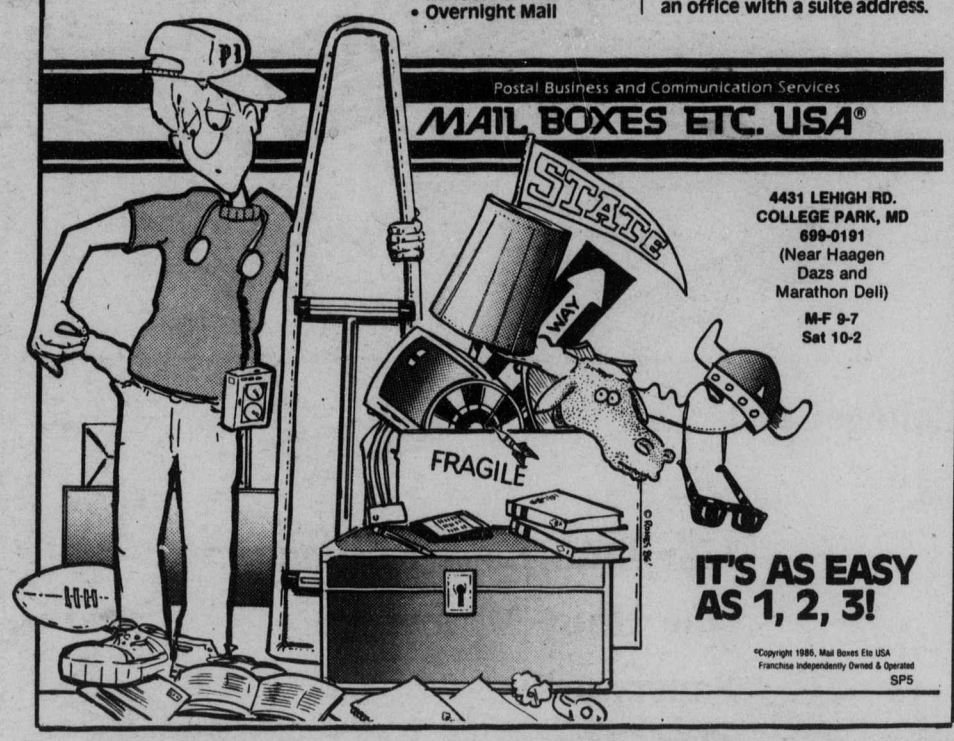
Register in CSC room 3326 or call 454-6945 for a current schedule.

YOUR GUIDE TO THE EASY COLLEGE LIFE.

SHIPPING OUT?
Whether heading for college or home for vacation, Mail Boxes Etc. USA will get your things there safer, faster and all in one piece. We even pack your boxes for you!

BROKE AND DOWN 'n OUT?
Whatever you need, shout it out as soon as you can. Mail Boxes Etc. USA will get your message out for same day delivery, or overnight.
- Western Union
- MinuteMail Fax • Telex
- Overnight Mail

MAILROOM BLUES?
Need postal privacy with mail hold/forwarding service? Or, starting a business to supplement college? Invest in an MBE private mail box "for your eyes only." Have the image of an office with a suite address.



THE KAPLAN CURRICULUM FOR CAREER CLIMBERS:

LSAT, GMAT, MCAT, GRE, DAT, OAT Advanced Medical Boards, TOEFL, Nursing Boards, NTE, CPA, Intro. to Law, Speed Reading, AND MORE.

CLASSES IN COLLEGE PARK

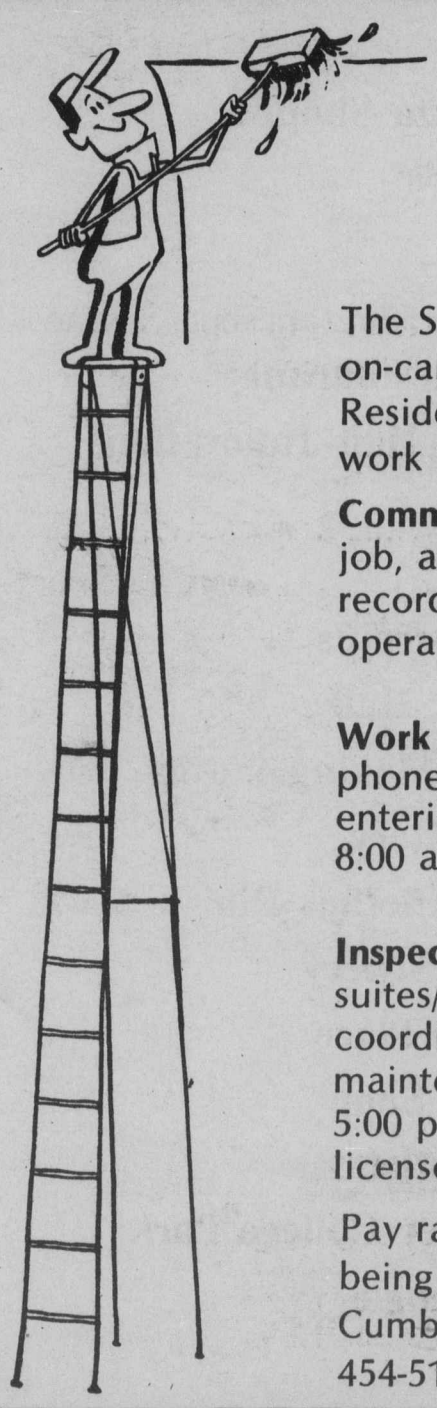
For nearly 50 years, Stanley H. Kaplan has prepared over 1 million students for admission and licensing tests. So before you take a test, prepare with the best. Kaplan. A good score may help change your life.

KAPLAN
STANLEY H. KAPLAN EDUCATIONAL CENTER LTD.

CALL DAYS, EVENINGS AND WEEKENDS. WE ARE ENROLLING NOW!

244-1456	770-3444	352-TEST
Washington, D.C.	Bethesda	Fairfax, Va.

CP-2



GET A JOB ON-CAMPUS!

The Student Employment Center is accepting applications for a variety of on-campus jobs with the Department of Residential Facilities and with Resident Life. All jobs are part-time (10-30 hours) and many offer flexible work hours. Some of the positions we expect to have available are:

Communications Staff—An indoor job, answering phones, maintaining records, issuing keys. A 24-hour desk operation, 4-hour shifts.

Work Processing Staff—Answering phones, receiving complaints, entering/processing data. Operates 8:00 a.m. - 8:00 p.m., 2-hour shifts.

Inspections and Billing—Inspect suites/apartments, post bills, coordinate/publicize scheduled maintenance activities. 8:00 a.m. - 5:00 p.m., 3-hour shifts. Driver's license required.

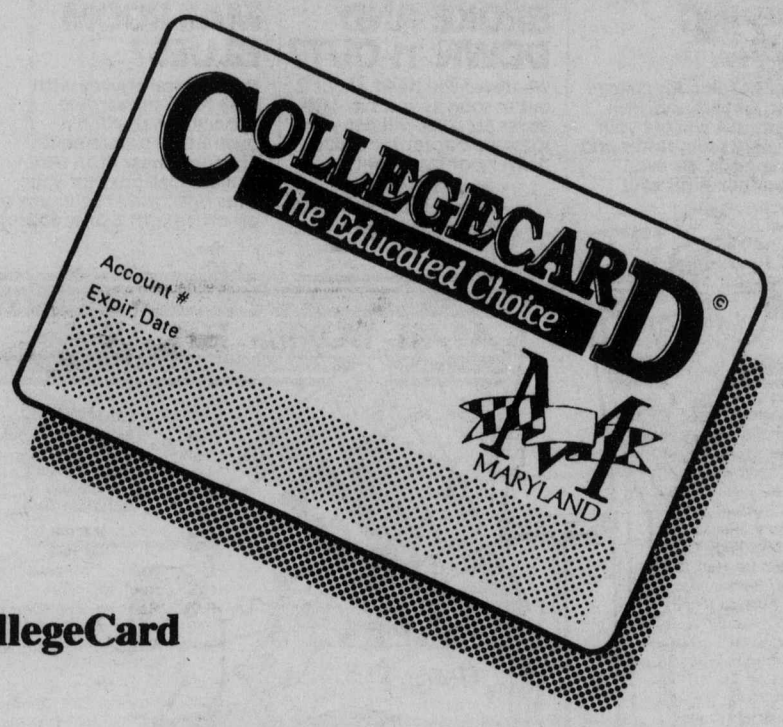
Maintenance Staff—Performs a variety of general maintenance tasks in the residence halls. Shifts open between 7:30 a.m. - 4:00 p.m.

Grounds Crew—Performs general landscaping tasks, picks up trash outside the residence halls.

Pest Control Staff—Assist in pest control around the residence halls, including pesticide application. Need driver's license. Must pass physical exam.

Pay ranges from $3.85-$5.25 per hour. Apply early for the best chance of being considered. To apply, stop by the Student Employment Center, 0117 Cumberland Hall, to fill out an application. For more information, call (301) 454-5111.

CollegeCard ... the educated choice.



The following area merchants provide CollegeCard discounts and premiums:

American Cafe
Aquatique
Armand's Chicago Pizzeria
Art & Design Inc.
Balfour House
Beefsteak Charlies
Bennigan's
Bob's Big Boy
College Park Bicycle
College Park Shell
College Park Sports
Colorfax
Dante's Pizza
Domino's
Earl's Phili Hoagies
Elegant Nails
Four Seasons Tan
Gourmet East
Gourmet International
Hawthorne's
House of Hunan
Leaps and Bounds
Little Tavern
Mail Boxes Etc.
Maryland Book Exchange
One Hour Motophoto
Paperworks
Pizza House
Pizza Hut
Purple Pizza Shoppe
Roy Roger's
Saxitone
Shakey's
Sichuan Restaurant
Sir & Her Hair Innovations
Sizzler
Subway
Sunny's Surplus
Taglio For Hair
Tanfastic Making Waves
Terp Territory
Terrapin Clothes Pin
The Hair Stylery
The Bagel Place
The Yarn Shop
Travel Outlet
Wings Over College Park
Yogurt Jungle

ALPHABETICAL DIRECTORY OF BUILDINGS

024 Allegany Hall (Dorm) C-4
108-110 Animal Barns I-5
104 Animal Sciences Annex I-5
142 Animal Sciences Bldg. H-5
060 Anne Arundel Hall (Dorm) G-3
156 Apiary J-3
145 Architecture Bldg. F-2
146 Art-Sociology Bldg. F-3
092 Asphalt Institute H-6
115 A.V. Williams H-6
016 Baltimore Hall (Dorm) D-3
099 Bel Air Hall (Dorm) J-5
143 Benjamin Bldg. (Education) G-3
160 Byrd Stadium I-3
161 Byrd Stadium, Center Bldg. H-3
015 Calvert Hall (Dorm) D-3
096 Cambridge Hall (Dorm) I-4
343 Campus Mail Facility F-6
070 Caroline Hall (Dorm) E-3
065 Carroll Hall (Dorm) E-3
017 Cecil Hall (Dorm) D-4
345 Center of Adult Education G-2
001 Central Heating Plant D-6
206 Central Receiving Warehouse B-7
098 Centreville Hall (Dorm) J-5
025 Charles Hall (Dorm) C-4
090 Chemical and Nuclear Engineering Bldg. H-5
091 Chemistry Bldg. G-5
121 Chestertown Hall (Dorm) J-4
106 Classroom Bldg. H-6
162 Cole Student Activities Bldg. G-3
224 Computer and Space Sciences Bldg. I-4
122 Cumberland Hall (Dorm) J-4
107 Dairy Science Annex I-5
105 Dairy Science Office I-6
252 Denton Hall (Dorm) J-3
097 Dining Hall (Cambridge) I-4
251 Dining Hall ((Denton) K-3
257 Dining Hall (Ellicott) J-4
064 Dorcester Hall (Dorm) G-3
253 Easton Hall (Dorm) K-3
066 Education Annex, West E-3
254 Elkton Hall (Dorm) J-3
256 Ellicott Hall (Dorm) J-3
223 Energy Research Facility H-6
088 Engineering Classroom Bldg G-5
089 Engineering Laboratory Bldg. G-6
093 Engineering Research Bldg. H-6
007 Fire and Rescue Institute (MD) C-5
158 Football Bldg. I-4
048 Francis Scott Key Hall E-3
126-139 Fraternity Houses C-6
029 Frederick Hall (Dorm) C-4
031 Garrett Hall (Dorm) D-3
299 Gatehouse F-6
237 Geology Bldg. G-4
166 Golf Range J-2
002 Greenhouses E-6
258 Hagerstown Hall (Dorm) J-3
014 Harford Hall (Dorm) D-4
002 Harrison Lab E-6
140 Health Center G-3
074 Holzapfel Hall F-4
147 Hornbake Undergraduate Library G.4
028 Howard Hall (Dorm) D-3
085 Institute for Physical Sciences and Technology I-5
045 Instructional Television Facility G-5
034 Jimenez Bldg. (Foreign Languages) G-3
059 Journalism Bldg. F-3
227 Jull Hall I-4
022 Kent Hall (Dorm) D-4
027 Knox Rd. Office Bldg. East C-4
259 LaPlata Hall (Dorm) J-4
071 Lee Bldg. and Graduate School E-4
038 Le Frak Hall (Social Sciences) E-3
201 Leonardtown Community Bldg. (Employment Office) B-6
238-249 Leonardtown Modular Residences B-6
260-285 Lord Calvert Apts. B-4
077 Main Administration Bldg. E-5
046 Marie Mount Hall E-4
084 Mathematics Bldg. G-5
035 McKeldin Library F-3
009 Memorial Chapel D-4
231 Microbiology Bldg. G-4
232 Mill Bldg. G-4
052 Mitchell Bldg. F-5
032 Montgomery Hall (Dorm) C-4
040 Morrill Hall E-3
011 Motor Transportation Facility D-6
094 Paint Branch Dr. Office Bldg. H-6
179 Parking Garage #1 H-4
202 Parking Garage #2 H-5
073 H. J. Patterson Hall G-4
083 J. M. Patterson Hall H-5
027 Photographic Services C-4
255 Physical Education, Recreation and Health Bldg. J-5
082 Physics Bldg. G-5
006 Plant Operations and Maintenance Shops E-5
003 Police and Service Bldg. E-6
113 Police Substation C-3
181-191 Poultry Bldgs. I-4
054 Preinkert Field House F-3
164 President's Residence I-2
021 Prince George's Hall (Dorm) D-3
061 Queen Anne's Hall (Dorm) F-3
078 Reckord Armory E-5
334-341 Relocatable Buildings I-6
004 Ritchie Coliseum D-5
080 Rossborough Inn (Faculty-Alumni Club)
109 Sheep Barn I-5
159 Shipley Field D-6
037 Shoemaker Bldg. E-3
075 Shriver Lab F-4
013 Shuttle Bus Facility F-4
044 Skinner Bldg. E-4
063 Somerset Hall (Dorm) F-3
170-176 Sorority Houses B-5
026 South Campus Dining Hall E-3
062 St. Mary's Hall (Dorm) G-3
163 Stamp Student Union G-4
076 Symons Hall F-4
030 Talbot Hall (Dorm) D-4
043 Taliaferro Hall E-3
141 Tawes Fine Arts Bldg. G-3
053 Temporary Classroom Bldg. AA D-3
058 Temporary Classroom Bldg. EE D-3
308 Temporary Computer Science I-5
079 Turner Lab (Dairy) E-5
042 Tydings Hall, Millard E. E-3
345 University College (Center of Adult Ed.) G-2
286-292 University Hills Apts. G-1
005 University Press E-6
023 Washington Hall (Dorm) C-4
069 Wicomico Hall (Dorm) E-3
081 Wind Tunnel G-6
047 Woods Hall E-4
051 Worcester Hall (Dorm) F-3
144 Zoology-Psychology Bldg. G-4

SCHEDULE OF CLASSES DIRECTORY OF BUILDING CODES

CODE	BUILDING	LOCATION	NUM.
AGY	Allegany Hall (Dorm)	C-4	024
ASA	Animal Sciences Annex	I-6	104
ANS	Animal Sciences Bldg.	H-5	142
ANA	Anne Arundel Hall (Dorm)	G-3	060
ALB	Astronomy Laboratory Bldg.	MET	219
API	Apiary	J-3	156
ARC	Architecture Bldg.	F-2	145
ARM	Armory (Reckord)	E-5	078
ASY	Art-Sociology Bldg.	F-3	146
BAL	Baltimore Hall (Dorm)	D-3	016
BEB	Beef Barn	I-5	110
BEL	Bel Air Hall (Dorm)	J-5	099
BRD	Byrd Stadium	I-3	160
CAL	Calvert Hall (Dorm)	D-3	015
CAM	Cambridge Hall (Dorm)	I-4	096
CAR	Caroline Hall (Dorm)	E-3	070
CRL	Carroll Hall (Dorm)	E-3	065
CEC	Cecil Hall (Dorm)	D-4	017
CEN	Centreville Hall (Dorm)	J-5	098
CHL	Charles Hall (Dorm)	C-4	025
CHE	Chemical Engineering Bldg.	H-5	090
CHM	Chemistry Bldg.	G-5	091
CHS	Chestertown Hall (Dorm)	J-4	121
CLB	Classroom Bldg.	H-6	106
COL	Cole Student Activities Bldg.	G-3	162
CSS	Computer and Space Sciences Bldg.	I-4	224
CBD	Cumberland Hall (Dorm)	J-4	122
DSA	Dairy Science Annex & Large Animal Classroom	I-5	107
DEN	Denton Hall (Dorm)	J-3	252
DOR	Dorchester Hall (Dorm)	G-3	064
EAS	Easton Hall (Dorm)	K-3	253
EDA	Education Annex	E-3	066
EDU	Education (Benjamin)	G-3	143
ELK	Elkton Hall (Dorm)	J-3	254
ELL	Ellicott Hall (Dorm)	J-3	256
EGL	Engineering Laboratory Bldg (Martin)	G-6	089
EGR	Engineering Classroom (Martin)	G-5	088
EPL	East Poultry Lab Bldg	I-4	188
ERB	Engineering Research Bldg	H-6	093
FRD	Frederick Hall (Dorm)	C-4	029
GRT	Garrett Hall (Dorm)	D-3	031
GEO	Geology Bldg	G-4	237
GLF	Golf Range	J-2	166
HAG	Hagerstown Hall (Dorm)	J-3	258
HAR	Harrison Lab	E-6	002
HRT	Hartford Hall (Dorm)	D-4	014
HOB	Horse Barn	I-5	108
HBK	Hornbake Undergraduate Library	G-4	147
HJP	H. J. Patterson	G-4	073
HZF	Holzapfel Hall	F-4	074
HOW	Howard Hall (Dorm)	D-3	028
IPT	Inst. of Physical Sciences and Technology	I-5	085
ITV	Instructional Television Facility	G-5	045
JMP	J. M. Patterson Hall	H-5	083
JMZ	Jimenez Foreign Language	G-3	034
JRN	Journalism Bldg	F-3	059
JUL	Jull Hall	I-4	227
KNT	Kent Hall (Dorm)	D-4	022
KEY	Francis Scott Key Hall	E-3	048
LAM	Lab Animal Mgt. Classroom	CRF	783
LPA	LaPlata Hall (Dorm)	J-4	259
LEF	Lefrak Social Sciences	E-3	038
MTH	Mathematics Bldg	G-5	084
MCK	McKeldin Library	F-3	035
MCB	Microbiology Bldg	G-4	231
MIL	Mill Bldg	G-4	232
MNT	Montgomery Hall (Dorm)	C-4	032
MMH	Marie Mount Hall	E-4	046
MOR	Morrill Hall	E-3	040
PRH	Physical Education, Recreation and Health Bldg	J-5	255
PHY	Physics Bldg	G-5	082
PKT	Preinkert Field House	F-3	054
PGG	Prince George's Hall (Dorm)	D-3	021
QAN	Queen Anne's Hall (Dorm)	F-3	061
RIT	Ritchie Coliseum	D-5	004
SHB	Sheep Barn	I-5	109
SHM	Shoemaker Bldg	E-3	037
SHR	Shriver Lab	F-4	075
SKN	Skinner Bldg	E-4	044
SOM	Somerset Hall (Dorm)	F-3	063
SDH	South Campus Dining Hall	E-3	026
STM	St. Mary's Hall (Dorm)	G-3	062
SSU	Stamp Student Union	G-4	163
SYM	Symons Hall	F-4	076
TAA	Temporary Classroom AA	D-3	053
TAL	Talbot Hall (Dorm)	D-4	030
TBA	To Be Arranged		
TEE	Temporary Classroom EE	D-3	058
TLF	Taliaferro Hall	E-3	043
TUR	Turner Lab	E-5	079
TYD	Tydings Hall	E-3	042
TWS	Tawes Fine Arts Bldg	G-3	141
WSH	Washington Hall (Dorm)	C-4	023
WIC	Wicomico Hall (Dorm)	E-3	069
WDS	Woods Hall	E-4	047
WTU	Wind Tunnel	G-6	081
WOR	Worcester Hall (Dorm)	F-3	051
ZOP	Zoology-Psychology Bldg	G-4	144

Location "CRF" denotes Calvert Road Facilities.
Location "MET" denotes Metzerott Road Facilities.

Silver Spring

Our New Look, Your New Home

GREENWICH WOODS

Wall-To-Wall Carpeting
Washer/Dryer
Newly Remodeled
Fully Equipped Kitchens
Large Ranch Rooms With
Bay Windows
Beautifully Landscaped
Community w/swimming
pool & playground
HBO Available.

NEAR: Beltway, Schools, Churches, Metro, Shopping & University of Md.

434-0025

1, 2, 3 Bdrm. Apts.
Some w/Dens

Open Daily 9-6,
Sunday 12-5

Directions: From campus turn right on Adelphi Rd. Go to end and turn right onto New Hampshire Ave. Proceed to 1st traffic light. Turn right on Oakview Dr. 1 block to Greenwich Woods.

EQUAL HOUSING OPPORTUNITY

Quality Built by Artery Org.
Management by Dreyfuss

WELCOME BACK STUDENTS!

湖南大飯店

House of Hunan
Greenbelt
Hunan and Szechuan Specialties
Finally . . . Greenbelt has a Great Chinese Restaurant
• Major Credit Cards
• Individual Party Rooms up to 60
• Cocktail Lounge - Relax Every Mon.-Fri. 3-7 p.m. and Enjoy Complimentary Hors d' oeuvres.
• Carryout Available

At the Greenway Centre
(near Safeway and Kangaroo Katies)

We celebrate your birthday! Free order of fried dumplings or egg roll
(With ID)

7429 Greenbelt Rd.,
Greenbelt, Md. 20770
(301) 345-0500

Recommended by Local Merchants

10% Off to All UM Students & Faculty
(With ID)

Hours: Sun.-Thurs. 11 a.m.-10 p.m.
Fri. & Sat. 11 a.m.-11 p.m.

Banks & Finance

Equitable Bank	474-4887
First Federal	220-0255
ITT Thorp Financial Services	345-3500
Sovran Express Machine	

Books, Cards & Gifts

Book Exchange	982-0832
Bookland	474-0033
Diamondback	768-5997
Fifth Avenue	474-4599
Gifts Galore	474-4666
Gift World	474-7471
Kit's Hallmark	982-5050
McKesson's Gifts	474-6707
Mon Amie	474-4910

Business Services & Supplies

Auto World Insurance	345-6060
Best Products	474-5500
H & R Block	345-9133
Jacobs Gardner	982-2400
Mail Boxes Etc.	345-6006
Olchak Market Research	441-4660

Cameras & Photography

CPI Photo Finish	345-8838
Life Style Photography	345-9335
Ritz Camera Center	345-7900

Cleaners & Laundromat

Beltway Cleaners	474-0035
Laundry Bin	441-3919

Clothing & Accessories

Bag Mall, The	345-3066
Boutique, The	474-4499
Burlington	982-2386
Children's World	474-6334
Dress Barn	441-4030
Famous Maid	345-9091
Image Ladies Designer	Coming Soon
Kurly's Jean Shop	345-8634
Luv N' Time	474-4304
Nonye's Attire	345-6110
Rags	474-1377
Particles	345-7497
Marshalls	345-0660
Shirt Stop	345-7224
Sixteen Plus	345-7848
Sonico Imports	345-6850
Webster's	441-8535

Department Stores

Best Products	474-5500
Bud's Deep Discount	474-4800
Burlington	982-2386
Marshall's	345-0660

Entertainment/Music

AMC Six	441-8800
AMC Eight	220-0220
Golden Dome	474-2282
Showcase Theater	474-5722
Waxie Maxie's	474-0040

Florist & Nursery

Franks Nursery & Crafts	982-2922
Sterling Florist	474-6228

Gasoline/Car Care

Finnigan's Car Wash	982-2922
Phillips 66	345-9894
Shell	474-8863

Hardware & Household

Jacobs Gardner	982-2400
Luskin's	345-2500
Mattress Discounters	823-8366
Sherwin Williams	474-8046
True Value Hardware	345-2662

Health & Beauty

American Hair Company	220-3222
Beltway Beauty & Barber Supply	474-0900
Bud's Discount Pharmacy	474-4800
Dr. Shades	345-0822
Elegant Nails	474-4171
Eyelab	441-3643
Eye Works Vision Care Center	345-9444
Mantrap	474-2020
MedServ	345-4111
Thrift-D Pharmacy	474-8835

Jewelry

Bang's Watch Repair	982-0222
Kay Jewelers	474-3939
Melart Jewelers	474-2291
Keystone Jewelers	441-2546
Theodore Nye Jewelers	474-3600
Royal Jewelers	345-1818
Star Jewelers	345-5055

Radio, TV & Electronics

Best Products	474-5500
Kim's Electronics	345-7336
Luskin's	345-2500
Radio Shack	474-0500

Restaurants & Snack Bars

Beefsteak Charlies	474-5800
Bennigan's	982-9780
Bob's Big Boy	345-4918
Chesapeake Bay Seafood House	441-4744
Chef's Secret	345-6101
Chi-Chi	474-6084
Donuts N' Stuff	474-2074
Fabulous Fries	345-9196
Hong Kong Palace	345-2165
Jo Ann's Nut House	345-7563
Mo-Dear's Parlor	coming soon
Plain N' Fancy Popcorn	
Pizza Place, The	345-0583
Popeye's	982-2315
Renus Cookie Company	345-7322
Roy Rogers	474-0694
Stop N' Eat	345-1661
Subway	474-0746
Swensen's Ice Cream	441-3530
Taco Tequila	474-8538
TCBY Yogurt	982-2521
Ted's Dog House	345-3547
Three Brothers Pizza	474-5330
Wendy's	474-3539

Shoes & Shoe Repair

Cobblers Bench	345-5591
Fayva	345-1238
Gussini	474-6076
Jazzi's Shoes	345-7695
Pic N' Pay	441-8555
Thom McAn	474-9631

Specialty Shops

American Hobby	345-2438
The Art Company	Coming Soon
Beltway Key Shop	345-1331
Beltway Plaza Aquarium	474-1500
Children's World	474-6334
Computer Portraits	
Franks Nursery & Crafts	982-2922
General Nutrition Center	474-9664
Mode Custom Tailors	474-2004
Shannon & Luchs Realtors	474-2132
Super Fresh Grocery	474-7472
Video Village	345-0900

Sporting Goods

Best Products	474-5500
Sporting Life	345-4343
Sports Authority	Coming Soon

Mall Leasing Info.
Call 422-3300

Beltway Plaza Mall
Your Place To Shop!

JANUARY EVENTS

January 5th-15th
Sidewalk Sale

January 20- February 10
Valentine's Day Giv-Away Enter to win a Valentine filled with great prizes from the Beltway Plaza Mall merchants and a singing Valentine courtesy of Prankmasters. Other Valentine surprises will be given away as well. Enter in the Mall Center Court area.

BELTWAY PLAZA MALL
YOUR PLACE TO SHOP!
6100 Greenbelt Road in Greenbelt, MD
Beltway Exit 23
422-3300

CHINA CAFE
AND
CARRY OUT
Phone: (301) 277-3737

Luncheon Special $3.25
Dinner Special $3.50

10% off on dinner entree
4370 Knox Road
College Park, MD
(Next to Seven Eleven in College Park Shopping Center)

HOURS:

Monday-Friday	Weekend & Holiday
11:00 A.M.-10:00 P.M.	12:00 Noon-10:00 P.M.

Please give us a try at all of our locations

1. 4370 Knox Road, College Park, MD
2. 2009 K Street, N.W., Washington, D.C.
3. 1723 Conn. Ave., N.W., Washington, D.C.
4. 1018 Vermont Ave., N.W., Washington, D.C.

PARKVIEW GARDENS APARTMENTS
6400 64th Avenue, Riverdale
864-5050

* * *

RIVERDALE VILLAGE APARTMENTS
5409 Riverdale Road, Riverdale
277-7050

Convenient • Affordable

- Short Term Leases for Students
- Minutes from University of Maryland
- U of MD Shuttle and Metro Bus Service
- Swim Year Round in Indoor/Outdoor Pools
- Walk to Nearby Shopping

Call Our Friendly Helpful Staff

FAMOUS LAST WORDS
FROM FRIENDS TO FRIENDS.

"Are you OK to drive?"
"What's a few beers?"

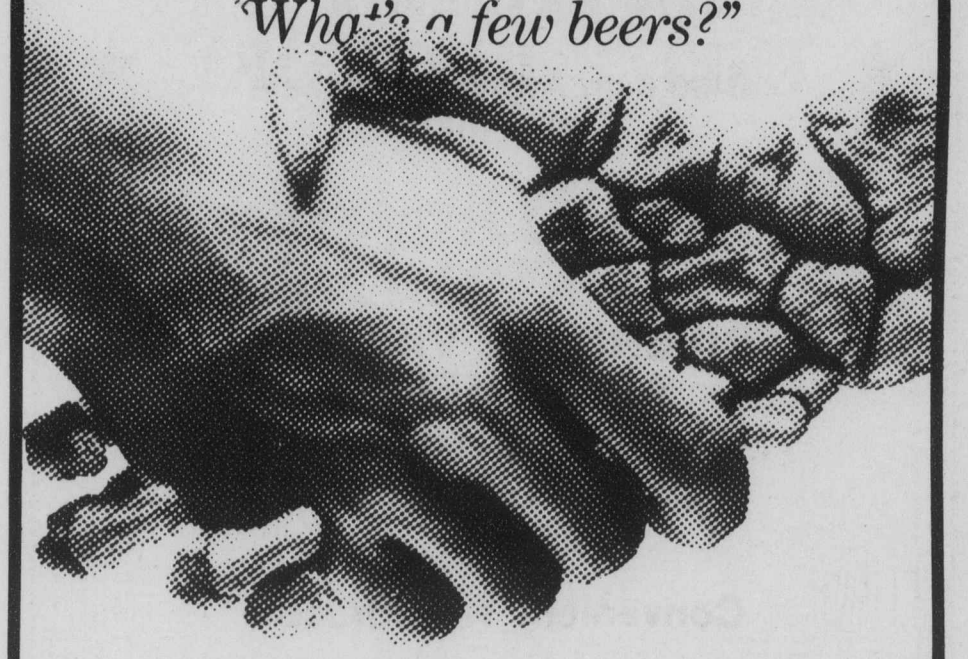
"Did you have too much to drink?"
"I'm perfectly fine."

"Are you in any shape to drive?"
"I've never felt better."

"I think you've had a few too many."
"You kiddin, I can drive
with my eyes closed."

"You've had too much to drink,
let me drive."
"Nobody drives my car but me."

"Are you OK to drive?"
"What's a few beers?"



DRINKING AND DRIVING CAN KILL A FRIENDSHIP.

U.S. Department of Transportation Ad Council

Adelphi

All the Extras
for Nothing Extra

OAKTON APARTMENTS

Wall-to-wall Carpeting
Spacious Rooms
Newly Remodeled Kitchens
Swimming Pool
Wooded Grounds
Solid Construction
Minutes to
University of Maryland
Close to Metro, School,
Shopping & Churches

ALL UTILITIES INCLUDED

434-4303

1, 2, & 3 Bedroom Apartments

Open Daily 9-6
Sunday 12-5

Directions: From Campus turn right on Adelphi Road. Just 3 miles and we're on the left 9408 Adelphi

EQUAL HOUSING OPPORTUNITY

Management by Dreyfuss

When it comes
to cleaning your contact lenses,
the best solution...

is no solution.

ACUVUE®
The contact lens
you never clean.

ACUVUE.
Always clean, fresh,
and comfortable.

ACUVUE® The First Disposable Contact Lens

Johnson & Johnson

FREE DISPOSABLE LENSES FOR FIRST THREE WEEKS!

ALL INCLUSIVE FEE INCLUDES EYE EXAM, FITTING OF LENSES AND 3 MONTHS OF FOLLOW-UP CARE

Evening & Weekend Appointments Available
VISA & MASTERCARD ACCEPTED

CONTACT LENS ASSOCIATES
DR. STUART D. SCHATZ DR. CHRISTINE K. KING
7305 BALTIMORE BLVD., SUITE 202, COLLEGE PARK, MD
277-6100

CLA CONTACT LENS ASSOCIATES

BUY A PAIR OF GLASSES GET A SECOND PAIR FREE!

Free Glasses

Buy a complete pair of glasses at regular price and get a second pair (same prescription) free from our specially marked collection.

Offer includes most single vision and bifocal prescriptions. Some lens restrictions apply. Valid through 1/31/90. Minimum first pair purchase $120. Tints, UV, Anti-reflection, and Scratchguard coatings available at regular cost. Complete glasses include frames and lenses. Coupon must be presented at time of order. No other discounts apply.

CONTACT LENS ASSOCIATES
DR. STUART D. SCHATZ DR. CHRISTINE K. KING
7305 BALTIMORE BLVD., SUITE 202, COLLEGE PARK, MD
277-6100

Tip-off Your Semester at Belcrest Plaza Apartments

Don't foul-up and miss:

- *Semester leases*
- *Optional HBO/cable TV*
- *Buses to D.C. and campus*
- *Individual heating and A/C*
- *Private balcony or patio*
- *Small pet buildings*
- *Efficiency, 1, 2 & 3 bedroom apts., some w/ dens.*
- *Modern, well designed kitchens (some w/ dishwasher)*
- *Cathedral ceilings (top levels)*
- *Walking distance to Prince Georges Plaza Mall*
- *Pool & tennis court*

Rental Office: 559-5040

Time's running out, so make your break for

EQUAL HOUSING OPPORTUNITY

GRADY MANAGEMENT, INC.
YOUR SIGN OF BETTER LIVING

BELCREST PLAZA APARTMENTS

From Campus Drive, turn left on Adelphi Road. Continue about one mile to Belcrest Road and turn right, then right again onto Toledo Terrace to the Belcrest Plaza rental office on your right.

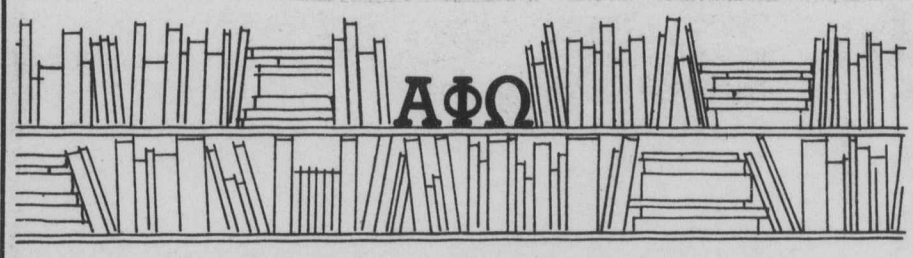
Buy & Sell Books

at

ALPHA PHI OMEGA'S
★ USED BOOKSTORE ★

Sell at your Own Prices!!
Buy at much Lower Prices!

Jan. 22-Feb. 2, 10 am-3 pm
Tortuga Room, Stamp Union



Interested in Alpha Phi Omega?
We're a CO-ED service fraternity

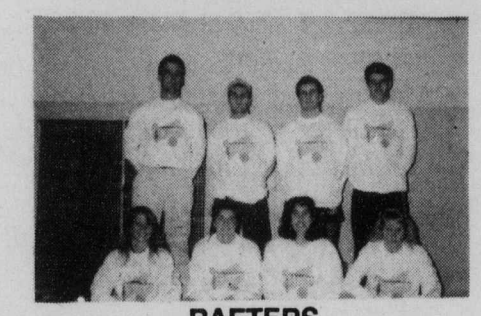
ΑΦΩ x3308
Room 3111 S.U.

It's Time To Play!

GM INTRAMURAL SPORTS

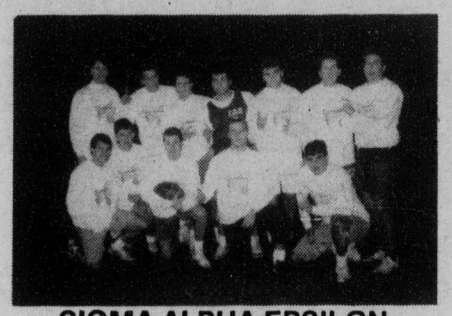
IN ASSOCIATION WITH
UNIVERSITY OF MARYLAND
CAMPUS RECREATION SERVICES

FALL 1989 CAMPUS RECREATION SERVICES INTRAMURAL TEAM SPORT CHAMPIONS



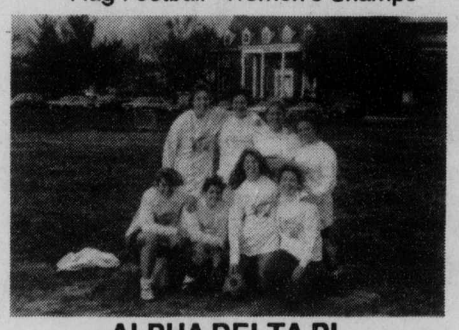
RAFTERS
Flag Football - Coed Champs

CHINESE CULTURE CLUB
Flag Football - Women's Champs



SIGMA ALPHA EPSILON
Flag Football - Men's Super 8 Champs

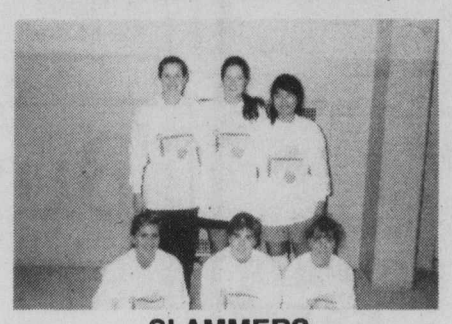
ALPHA FLOYD
Crease Soccer - Coed Champs



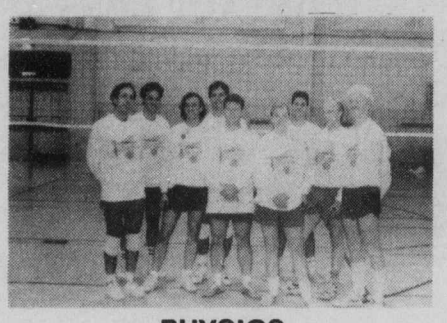
ALPHA DELTA PI
Crease Soccer - Women's Champs

SIGMA ALPHA EPSILON
Crease Soccer - Men's Super 8 Champs

SIGMA CHI/TRI-DELT
Volleyball - Coed Champs



SLAMMERS
Volleyball - Women's Champs



PHYSICS
Volleyball - Men's Super 8 Champs

SPRING INTRAMURAL EVENTS AND TOURNAMENTS

Event	Entries Open*	Entries Close**	Play Begins
Full-Court Basketball	Tue, January 23	Tue, January 30	Mon, Feb. 5
Fraternity Bowling	Wed, January 31	Tue, February 6	Mon, Feb. 12
BowlingTournament	Wed, January 31	Tue, February 5	Sun, Feb. 11
Free-Throw Shooting	Mon, February 5	Thur, February 8	Mon, Feb. 5
Team Racquetball	Wed, February 7	Tue, February 13	Fri, Feb. 16
Maryland's Sports Day	Wed, February 21	Thur, March 1	Sat, Mar. 10
Indoor Soccer	Thur, March 1	Wed, March 7	Tue, Mar. 27
Swimming & Diving	*pick up info on Feb. 5*	at event	Wed, Mar. 7
Softball	Thur, March 8	Thur, March 15	Mon, Apr. 2
Tennis Doubles	Thur, March 8	Tue, March 27	Fri, Mar. 30
Outdoor Volleyball	Wed, March 28	Tue, April 3	Mon, Apr. 9
Wrestling	*pick up info on Mar. 5*	at event	Tue, Apr. 3
Team Horseshoes	Wed, April 4	Tue, April 10	Mon, Apr. 16
Cross Country	*pick up info on Apr. 2*	at event	Fri, Apr. 27
Track & Field	*pick up info on Apr. 2*	at event	Wed, May 2

**Entries open at 8:30 on this date*
***Entries close at 4:00 on this date*

For more information on Intramural Sports, Aerobics, Sport Clubs, Recreation Facilities, and Fitness Programs stop by the CRS Office (Reckord Armory #1104) or call **454-3124**.

General Motors is proud to be associated with your campus intramural recreational sports and activities.

GM CHEVROLET·PONTIAC·OLDSMOBILE BUICK·CADILLAC·GMC TRUCK GMAC
COLLEGE
General Motors..."sharing your future" ©1989

CAMPUS RECREATION SERVICES
University of Maryland

10% OFF your next purchase at

The Union Shop

Stamp Student Union

The convenience store with a little bit of everything ... fresh flowers, sodas, candy, magazines, snacks, etc.

Valid until February 28, 1990

ADMIT

2 people to the **HOFF THEATER** for the price of **1**

Hoff Theater is located in the lower level of the Stamp Student Union

Expires March 1,1990

10% OFF

YOUR NEXT ITEM PURCHASED

1000 s of tapes and CDs to choose from

Location: Rm. 0106 Stamp Student Union. Hours: M-F (9:30 -7); Sat. (12-5); Sun. (closed)

RECREATION CENTER ...

DOWN UNDER THE STAMP STUDENT UNION

1.00 OFF BOWLING OR BILLIARDS

(Not good with any other coupons)

Expires March 1,1990

Häagen-Dazs
Häagen-Dazs
Häagen-Dazs

A luxury ice cream that everyone can afford

10% off any pint or quart
30¢ off any single scoop
with this ad. Expires 3/9/90

Häagen-Dazs

4433 Lehigh Rd. • College Park, MD
(just south of the University)

Every 10th Rental Free

Rent 2 or more movies Sun.-Wed. & get 2nd day Free

VIDEO VILLAGE

Every Thursday Rent 2 movies & get a 3rd free

Rent Sat. Get Sun. Free

FREE
1-year membership with proper id

Beltway Plaza Greenbelt 345-0900	Bradley & Arlington Bethesda 652-9377	Cabin John Mall Potomac 299-7191	1776 Plaza Rockville 231-9667	Loehmann's Plaza Rockville 231-0108	Wheaton Plaza Wheaton 949-8440	P.G. Plaza Hyattsville 853-2778

SOAP'S

THE METRO AREA'S LARGEST LAUNDROMAT

7125 Baltimore Avenue
College Park, MD 20740
(301) 779-9134

OPEN 9 AM – 11 PM M – F / 8 AM – 11 PM SAT – SUN

COUPON
$3.00 OFF
WASH/DRY/FOLD
Limit 1 coupon per visit per customer
Offer good through March 9, 1990
SOAP'S

COUPON
ONE FREE WASH
REDEEM AT CASH REGISTER BEFORE STARTING YOUR WASH
Limit 1 coupon per visit per customer
Offer good through March 9, 1990
SOAP'S

COUPON
99c OFF
NO FRILLS DRYCLEANING
Limit 1 coupon per visit per customer
Offer good through March 9, 1990
SOAP'S

WISDOM TEETH EXTRACTED FREE

If you have wisdom teeth that need to be removed and would like to save this expense in return for a few hours of your time, please contact us at

Rivers Center Research Corporation
8325 Guilford Rd., Columbia, Md 21046

621-8686 — Wash. Sharon Nelson, D.D.S. Research Director **381-0994 — Balto.**

BE A VOICE FOR CHOICE!

Help Keep Abortion Safe and Legal

Become Involved as a Planned Parenthood Advocate

Have the opportunity to:
- ★ lobby your public officials
- ★ rally for choice
- ★ defend clinics against anti-choice demonstrations

Please complete the following:

Name _____

Address _____

_____

Phone (day) _____ (evening) _____

Mail to: Karen Ringen
PPMW
8605 Cameron Street
Suite 204
Silver Spring, MD 20910

Planned Parenthood of Metropolitan Washington, D.C.

Course Listings continued from page 37

Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

DANC Dance (Arts and Humanities)

DANC100 Modern Dance I for Non-Majors; Grade Method: REG/P-F/AUD; 2 credits
0101 MWF.....12:00pm-12:50pm (PKT 2102) LAB Warren, L
0102 MWF.....1:00pm- 1:50pm (PKT 2102) LAB Warren, A
0103 MWF.....2:00pm- 2:50pm (PKT 2102) LAB Jackson, P
0104 TuTh.....11:00am-12:15pm (TEE 1115) LAB. Fleitell, S
0105 TuTh.....2:00pm- 3:15pm (TAA 1103) LAB Warren, L
0106 TuTh.....3:30pm- 4:45pm (TEE 1115) LAB Rutter-Hill, L
0107 TuTh.....5:00pm- 6:15pm (PKT 2102) LAB Rolland, E

DANC104 Modern Dance II for Non-Majors; Grade Method: REG/P-F/AUD; Prerequisite: DANC 100. 2 credits
0101 TuTh.....6:30pm- 7:45pm (PKT 2102) LAB Mayes, A

DANC109 Improvisation I; Grade Method: REG/P-F/AUD; 2 credits
0101 TuTh.....12:30pm- 1:45pm (TEE 1115) LAB Dunn, R

DANC124 Ballet I for Non-Majors; Grade Method: REG/P-F/AUD; 2 credits
0101 MWF.....9:00am- 9:50am (PKT 2102) LAB Druker, S
0102 MWF.....10:00am-10:50am (PKT 2102) LAB Druker, S
0103 MWF.....11:00am-11:50am (PKT 2102) LAB Druker, S

DANC127 Ballet II for Non-Majors; Grade Method: REG/P-F/AUD; Prerequisite: DANC 124 or audition. 2 credits
0101 TuTh.....9:30am-10:45am (TEE 1115) LAB Fleitell, S

DANC138 Introduction to Ethnic Dance: Intro Ethnic-Spanish Dance; Grade Method: REG/P-F/AUD; 2 credits
0101 TuTh.....9:30am-10:45am (PKT 2102) LAB Keet, M

DANC154 Jazz I for Non-Majors; Grade Method: REG/P-F/AUD; 2 credits
0101 MWF.....10:00am-10:50am (TEE 1115) Mayes, A
0102 TuTh.....3:30pm- 4:45pm (TAA 1103) Mayes, A

DANC158 Jazz I for Majors Only; Grade Method: REG/P-F/AUD; Non-majors admitted. 2 credits
0101 TuTh.....3:30pm- 4:45pm (PKT 2102) LAB Jackson-Johnson

DANC199 (PermReq) Practicum in Choreography, Production and Performance I; Dance Workshop I; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

DANC199A Practicum in Choreography, Production and Performance I: Tap Dance (Intermediate); Grade Method: REG/P-F/AUD; 2 credits
0101 TuTh.....11:00am-12:15pm (PKT 2102) LAB Slater, M

DANC200 Introduction to Dance; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....11:00am-11:50am (TAA 1124) Frosch-Schroder
0201 MWF.....2:00pm- 2:50pm (TAA 1124) Rutter-Hill, L
0301 TuTh.....11:00am-12:15pm (TAA 1124) Adamo-Williams,
0401 TuTh.....12:30pm- 1:45pm (TAA 1124) Fleitell, S
0501 TuTh.....2:00pm- 3:15pm (TAA 1124) Warren, A

DANC210 Dance Production; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....3:30pm- 4:50pm (TEE 1115) Jackson, P

DANC228 (PermReq) Ballet I for Majors; Grade Method: REG/P-F/AUD; Non-majors admitted. 2 credits
0101 TuTh.....12:30pm- 1:45pm (TAA 1103) LAB Druker, S

DANC229 Ballet II for Majors; Grade Method: REG/P-F/AUD; Non-majors admitted. 2 credits
0101 TuTh.....9:30am-10:45am (TAA 1103) Druker, S

DANC248 (PermReq) Modern Dance I for Majors; Grade Method: REG/P-F/AUD; Non-majors admitted. 3 credits
0101 MWF.....11:00am-12:20pm (TAA 1103) LAB Wiltz, A

DANC249 Modern Dance II for Majors; Grade Method: REG/P-F/AUD; Non-majors admitted. 3 credits
0101 MWF.....12:30pm- 1:50pm (TAA 1103) LAB Frosch-Schroder

DANC258 Jazz II; Grade Method: REG/P-F/AUD; Prerequisite: DANC 154,158, or audition. Non-majors admitted. 2 credits
0101 TuTh.....2:00pm- 3:15pm (PKT 2102) LAB Jackson-Johnson

DANC299 Practicum in Choreography, Production and Performance II; Dance Workshop II; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

DANC302 Music Sources for Dance; Grade Method: REG/P-F/AUD; Prerequisite: DANC 102 or permission of department. 3 credits
0101 Time and room to be arranged Freivogel, D

DANC306 (PermReq) Creative Dance for Children; Grade Method: REG/P-F/AUD; Prerequisite: DANC 305 or equivalent. 3 credits
0101 TuTh.....3:30pm- 4:45pm (TAA 1124) Rolland, E

DANC308 Choreography II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....3:30pm- 4:50pm (TAA 1103) LAB Warren, A

DANC310 Dance Lighting; Grade Method: REG/P-F/AUD; Prerequisite: DANC 210. 3 credits
0101 Time and room to be arranged Jackson, P

DANC328 Ballet III: Ballet III for Majors; Grade Method: REG/P-F/AUD; Prerequisite: DANC 229 or audition. Non-majors admitted. 2 credits
0101 TuTh.....11:00am-12:15pm (TAA 1103) LAB Druker, S

DANC329 Ballet IV: Ballet IV for Majors; Grade Method: REG/P-F/AUD; Prerequisite: DANC 328 or audition. Non-majors admitted. 2 credits
0101 TuTh.....11:00am-12:15pm (TAA 1103) Druker, S

DANC349 Modern Dance IV for Majors; Grade Method: REG/P-F/AUD; Prerequisite: DANC 348 or audition. 3 credits
0101 MWF.....11:00am-12:20pm (TEE 1115) LAB Mayes, A

DANC370 Kinesiology for Dancers; Grade Method: REG/P-F/AUD; 4 credits
0101 MWF.....9:00am-10:45am (TAA 1124) Rutter-Hill, L

DANC379 (PermReq) Practicum in Dance: Practicum in Dance; Grade Method: REG/P-F/AUD; 1-3 credits
0201 Time and room to be arranged Rosen, M

DANC386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

DANC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

DANC388 Choreography III; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 3:20pm (TEE 1115) LAB Warren, L

DANC398 (PermReq) Directed Studies in Dance; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

DANC399 (PermReq) Practicum in Choreography, Production and Performance III: Dance Workshop III; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: DANC 299. 1-2 credits

DANC399A (PermReq) Practicum in Choreography, Production and Performance III: Tap Dance (Advance); Grade Method: REG/P-F/AUD; 2 credits
0101 TuTh.....12:30pm- 1:45pm (PKT 2102) LAB Slater, M

DANC410 Dance Production: Design and Execution; Grade Method: REG/P-F/AUD; Prerequisite: DANC 210 or equivalent. 3 credits
0303 Time and room to be arranged Jackson, P

DANC448 Modern Dance V for Majors; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:30pm- 1:50pm (TEE 1115) LAB Butler, E

DANC449 Modern Dance VI for Majors; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:30pm- 1:50pm (TEE 1115) LAB Butler, E

DANC466 Laban Movement Analysis; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (TEE 1115) Dunn, R

DANC479 (PermReq) Advanced Practicum in Dance; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged Wiltz, A
0201 Time and room to be arranged Rosen, M

DANC484 Philosophy of Dance; Grade Method: REG/P-F/AUD; Prerequisite: DANC 200 or permission of department. Majors have priority. 3 credits
0101 TuTh.....9:30am-10:45am (TAA 1124) Dunn, R

DANC499 (PermReq) Practicum in Choreography, Production and Performance IV; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: DANC 399. 1-6 credits

---

ECON Economics (Behavior & Social Sci)

ECON201 Principles of Economics I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Credit will be granted for only one of the following: ECON 201 or ECON 205. 3 credits
0101 MWF.....9:00am- 9:50am (TYD 0101) STAFF
0201 MWF.....9:00am- 9:50am (LEF 1220) STAFF
0401 TuTh.....8:00am- 9:15am (TYD 2106) STAFF
0701 MWF.....9:00am- 9:50am (WDS 0104) STAFF
0801 MWF.....12:00pm-12:50pm (TLF 0101) STAFF
0901 TuTh.....9:30am-10:45am (WDS 0104) STAFF
1001 MWF.....10:00am-10:50am (WDS 0104) STAFF
1101 MWF.....10:00am-10:50am (TYD 0101) STAFF
1201 MWF.....11:00am-11:50am (WDS 0104) STAFF
1301 TuTh.....11:00am-12:15pm (WDS 0104) STAFF
1401 MWF.....12:00pm-12:50pm (WDS 0104) STAFF
1501 TuTh.....12:30pm- 1:45pm (TYD 1128) STAFF
1601 MWF.....1:00pm- 1:50pm (TYD 0101) STAFF
1701 MWF.....1:00pm- 1:50pm (TYD 1128) STAFF
1901 MWF.....2:00pm- 2:50pm (TYD 0101) STAFF
2001 MWF.....8:00am- 8:50am (TYD 1128) STAFF
2102 MW.....9:00am- 9:50am (TYD 0130) Brechling, F
F.....9:00am- 9:50am (HZF 1108) DIS
2103 MW.....9:00am- 9:50am (TYD 0130) Brechling, F
F.....11:00am-11:50am (TYD 1132) DIS
2104 MW.....9:00am- 9:50am (TYD 0130) Brechling, F
M.....12:00pm-12:50pm (TYD 1114) DIS
2105 MW.....9:00am- 9:50am (TYD 0130) Brechling, F
M.....10:00am-10:50am (TYD 1132) DIS
2106 MW.....9:00am- 9:50am (TYD 0130) Brechling, F
W.....10:00am-10:50am (HJP 1229) DIS
2107 MW.....9:00am- 9:50am (TYD 0130) Brechling, F
W.....11:00am-11:50am (TYD 1132) DIS
2108 MW.....9:00am- 9:50am (TYD 0130) Brechling, F
F.....12:00pm-12:50pm (TYD 1114) DIS
2109 MW.....9:00am- 9:50am (TYD 0130) Brechling, F
F.....9:00am- 9:50am (TYD 2110) DIS
2110 MW.....9:00am- 9:50am (TYD 0130) Brechling, F
W.....10:00am-10:50am (TYD 2100) DIS
2111 MW.....9:00am- 9:50am (TYD 0130) Brechling, F
F.....10:00am-10:50am (LEF 1208) DIS
2112 MW.....9:00am- 9:50am (TYD 0130) Brechling, F
F.....12:00pm-12:50pm (TYD 1132) DIS
2114 MW.....9:00am- 9:50am (TYD 0130) Brechling, F
F.....12:00pm-12:50pm (TYD 2110) DIS
2115 MW.....9:00am- 9:50am (TYD 0130) Brechling, F
M.....2:00pm- 2:50pm (WDS 1130) DIS
2116 MW.....9:00am- 9:50am (TYD 0130) Brechling, F
W.....2:00pm- 2:50pm (WDS 0104) DIS
2117 MW.....9:00am- 9:50am (TYD 0130) Brechling, F
M.....3:00pm- 3:50pm (TYD 1128) DIS
2401 TuTh.....2:00pm- 3:15pm (ARM 0119) STAFF
3201 TuTh.....3:30pm- 4:45pm (TYD 2110) STAFF

ECON203 Principles of Economics II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Recommended: ECON 201. 3 credits
0101 TuTh.....8:00am- 9:15am (TYD 1101) STAFF
0201 MWF.....11:00am-11:50am (LEF 1221) STAFF
0301 MWF.....1:00pm- 1:50pm (WDS 0104) STAFF
0501 MWF.....9:00am- 9:50am (TYD 1114) STAFF
0601 MWF.....10:00am-10:50am (LEF 1221) STAFF
0701 TuTh.....11:00am-12:15pm (TYD 1132) STAFF
0801 MWF.....12:00pm-12:50pm (TYD 0101) STAFF
0901 MWF.....2:00pm- 2:50pm (TYD 1102) STAFF
1001 MWF.....3:00pm- 3:50pm (TYD 1101) STAFF
1101 MWF.....10:00am-10:50am (LEF 1201) STAFF
1201 MWF.....1:00pm- 1:50pm (HJP 1229) STAFF
1401 MWF.....2:00pm- 2:50pm (TYD 2106) STAFF
1501 MWF.....11:00am-11:50am (TYD 2106) STAFF
2101 TuTh.....11:00am-11:50am (TYD 0130) Wallis, J
M.....9:00am- 9:50am (TYD 1132) DIS
2102 TuTh.....11:00am-11:50am (TYD 0130) Wallis, J
W.....9:00am- 9:50am (TYD 2100) DIS
2103 TuTh.....11:00am-11:50am (TYD 0130) Wallis, J
F.....9:00am- 9:50am (LEF 1208) DIS
2105 TuTh.....11:00am-11:50am (TYD 0130) Wallis, J
W.....9:00am- 9:50am (TYD 1132) DIS
2106 TuTh.....11:00am-11:50am (TYD 0130) Wallis, J
M.....1:00pm- 1:50pm (TYD 2110) DIS
2107 TuTh.....11:00am-11:50am (TYD 0130) Wallis, J
W.....10:00am-10:50am (TYD 1132) DIS
2108 TuTh.....11:00am-11:50am (TYD 0130) Wallis, J
W.....11:00am-11:50am (TYD 2100) DIS
2110 TuTh.....11:00am-11:50am (TYD 0130) Wallis, J
W.....1:00pm- 1:50pm (TYD 1132) DIS
2111 TuTh.....11:00am-11:50am (TYD 0130) Wallis, J
F.....1:00pm- 1:50pm (TYD 2110) DIS
2112 TuTh.....11:00am-11:50am (TYD 0130) Wallis, J
M.....10:00am-10:50am (TYD 2100) DIS
2113 TuTh.....11:00am-11:50am (TYD 0130) Wallis, J
F.....10:00am-10:50am (TYD 1132) DIS
2114 TuTh.....11:00am-11:50am (TYD 0130) Wallis, J
M.....11:00am-11:50am (TYD 1132) DIS
2115 TuTh.....11:00am-11:50am (TYD 0130) Wallis, J
F.....11:00am-11:50am (TYD 2110) DIS
2116 TuTh.....11:00am-11:50am (TYD 0130) Wallis, J
M.....1:00pm- 1:50pm (TYD 2110) DIS
2117 TuTh.....11:00am-11:50am (TYD 0130) Wallis, J
W.....1:00pm- 1:50pm (TYD 2106) DIS

ECON203H (PermReq) Principles of Economics II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Recommended: ECON 201. Honors. Department permission required from ECON or General Honors Program. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 1114) Schwab, R

ECON205 Fundamentals of Economics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Students in the College of Business and Management are required to take ECON 201 and should not take ECON 205. Not open to students who have completed ECON 201. Credit will be granted for only one of the following: ECON 201 or ECON 205. 3 credits
1101 MW.....10:00am-10:50am (TYD 0130) Adams, J
M.....1:00pm- 1:50pm (TYD 1132) DIS
1102 MW.....10:00am-10:50am (TYD 0130) Adams, J
W.....2:00pm- 2:50pm (WDS 1130) DIS
1103 MW.....10:00am-10:50am (TYD 0130) Adams, J
F.....12:00pm-12:50pm (TYD 2140) DIS
1104 MW.....10:00am-10:50am (TYD 0130) Adams, J
M.....9:00am- 9:50am (TYD 2100) DIS
1105 MW.....10:00am-10:50am (TYD 0130) Adams, J
W.....9:00am- 9:50am (HJP 1229) DIS
1106 MW.....10:00am-10:50am (TYD 0130) Adams, J
M.....11:00am-11:50am (TYD 2100) DIS
1107 MW.....10:00am-10:50am (TYD 0130) Adams, J
W.....11:00am-11:50am (ARM 0121) DIS
1108 MW.....10:00am-10:50am (TYD 0130) Adams, J
F.....9:00am- 9:50am (TYD 1132) DIS
1109 MW.....10:00am-10:50am (TYD 0130) Adams, J
F.....10:00am-10:50am (MMH 1304) DIS
1110 MW.....10:00am-10:50am (TYD 0130) Adams, J
F.....10:00am-10:50am (JRN 1104) DIS
1111 MW.....10:00am-10:50am (TYD 0130) Adams, J
M.....12:00pm-12:50pm (TYD 1132) DIS
1112 MW.....10:00am-10:50am (TYD 0130) Adams, J
W.....1:00pm- 1:50pm (TYD 2110) DIS
1113 MW.....10:00am-10:50am (TYD 0130) Adams, J
W.....12:00pm-12:50pm (TYD 1114) DIS
1114 MW.....10:00am-10:50am (TYD 0130) Adams, J
M.....2:00pm- 2:50pm (TYD 2100) DIS
1115 MW.....10:00am-10:50am (TYD 0130) Adams, J
F.....2:00pm- 2:50pm (TYD 2110) DIS

ECON301 Current Issues in American Economic Policy; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201; and [ECON 203 or ECON 205]. 3 credits
0101 MWF.....12:00pm-12:50pm (TYD 2106) Stratmann, T
0301 MWF.....10:00am-10:50am (TYD 0117) Nagelhout, P

ECON305 Intermediate Macroeconomic Theory and Policy; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201; and ECON 203; and MATH 220. Credit will be granted for only one of the following: ECON 305 or ECON 405. Formerly ECON 401. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2106) Almon Jr, C
0501 MWF.....10:00am-10:50am (TYD 1128) Khan, F
0601 TuTh.....11:00am-12:15pm (TYD 0117) Harris Jr, C
0701 MWF.....9:00am- 9:50am (TYD 2106) Khan, F
0901 TuTh.....9:30am-10:45am (COL 3109) Baily, M
1101 TuTh.....2:00pm- 3:15pm (TYD 2106) Harris Jr, C

ECON306 Intermediate Microeconomic Theory; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201; and ECON 203; and MATH 220. Formerly ECON 403. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 2111) McGuire, M
0201 TuTh.....11:00am-12:15pm (TYD 0101) Lynch, D
0401 MWF.....9:00am- 9:50am (TYD 2109) Evans, W
0601 MWF.....1:00pm- 1:50pm (TYD 2111) Evans, W
0901 TuTh.....9:30am-10:45am (TYD 1140) Wallis, J
1001 MWF.....10:00am-10:50am (TYD 2106) Brechling, F

ECON310 Evolution of Modern Capitalism in Western Europe and the United States; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; No prerequisites. 3 credits
0201 MWF.....9:00am- 9:50am (TYD 2111) Adams, J

ECON311 American Economic Development; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Prerequisites: ECON 201; and [ECON 203 or ECON 205]. 3 credits
0101 Th.....6:30pm- 9:00pm (TYD 2111) Headlee, S

ECON315 Economic Development of Underdeveloped Areas; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: ECON 201; and [ECON 203 or ECON 205]. Credit will be granted for only one of the following: ECON 315 or ECON 416. Formerly ECON 415. 3 credits
0101 MWF.....9:00am- 9:50am (TYD 1128) Zeck, M
0201 TuTh.....11:00am-12:15pm (ARM 0116) Betancourt, R
0401 TuTh.....12:30pm- 1:45pm (TYD 0101) Succar, P

ECON321 Economic Statistics; Grade Method: REG/P-F/AUD; Prerequisite: MATH 220 or equivalent. Not open to students who have completed BMGT 230 or BMGT 231. Formerly ECON 421. 3 credits
0101 MWF.....2:00pm- 2:50pm (TYD 1128) Gupta, S
0201 MWF.....12:00pm-12:50pm (TYD 1128) Malik, A

ECON361 Economics of American Industries; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201; and [ECON 203 or ECON 205]. 3 credits
0101 MWF.....2:00pm- 2:50pm (TYD 2111) Burgess, J
0201 TuTh.....12:30pm- 1:45pm (TYD 1114) Kedia, M

ECON370 Labor Markets, Human Resources, and Trade Unions; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201; and [ECON 203 or ECON 205]. Credit will be granted for only one of the following: ECON 370 or ECON 470. 3 credits
0201 MWF.....10:00am-10:50am (TYD 2111) Weinstein, P

ECON380 Comparative Economic Systems; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201; and [ECON 203 or ECON 205]. 3 credits
0101 MWF.....2:00pm- 2:50pm (TYD 1101) Clement, C

ECON381 Environmental Economics; Grade Method: REG/P-F/AUD; Prerequisite: ECON 201 or ECON 205 or permission of department. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 1128) Cumberland, J

ECON397 Honors Thesis; Grade Method: REG/P-F/AUD; Prerequisites: ECON 396 and candidacy for honors in economics. 3 credits
0101 Time and room to be arranged Oates, W

ECON398B Topics in Economics: Public Sector; Grade Method: REG/P-F/AUD; Need 3.0 or teacher permission. 3 credits
0101 TuTh.....2:00pm- 3:15pm (WDS 1130) Schwab, R

ECON399 Individual Reading and Research For Undergraduates; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor must be arranged in advance. Open only to students who have previously earned 6 or more credits in upper division economics courses. 3 credits

ECON402 Macroeconomic Models and Forecasting; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: ECON 305 or ECON 405. 3 credits
0101 TuTh.....8:00am- 9:15am (TYD 1114) Almon Jr, C
0301 MWF.....12:00pm-12:50pm (TYD 2111) Monaco, L

ECON405 Advanced Intermediate Macroeconomic Theory; Grade Method: REG/P-F/AUD; Prerequisite: ECON 201; and ECON 203; and MATH 220 or equivalent. Credit will be granted for only one of the following: ECON 305 or ECON 405. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 2111) Haliassos, M

ECON422 Quantitative Methods in Economics I; Grade Method: REG/P-F/AUD; Prerequisite: ECON 201; and ECON 203; and [ECON 321 or BMGT 230;] or permission of department. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 0101) Poetscher, B

ECON423 Quantitative Methods in Economics II; Grade Method: REG/P-F/AUD; Prerequisite: ECON 422. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2111) Prucha, I

ECON425 Mathematical Economics; Grade Method: REG/P-F/AUD; Prerequisites: ECON 305 or ECON 405, and ECON 306 or ECON 406, and MATH 220 or equivalent. 3 credits
0101 MWF.....11:00am-11:50am (TYD 0117) Kennelly, B

ECON430 Money and Banking; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203. Credit will be granted for only one of the following: ECON 430 or ECON 431. 3 credits
0101 MWF.....11:00am-11:50am (TYD 0101) Meyer, P
0201 MWF.....12:00pm-12:50pm (TYD 0130) Meyer, P
0501 MWF.....10:00am-10:50am (TYD 1101) Anderson, G
0601 MWF.....11:00am-11:50am (TYD 1114) Huh, G
0701 MWF.....10:00am-10:50am (TYD 1114) Huh, G
0801 MWF.....1:00pm- 1:50pm (TYD 0117) Huh, G

ECON431 Theory of Money, Prices and Economic Activity; Grade Method: REG/P-F/AUD; Prerequisite: ECON 305 or ECON 405. Credit will be granted for only one of the following: ECON 430 or ECON 431. 3 credits
0101 MWF.....11:00am-11:50am (TYD 2111) Anderson, G

ECON440 International Economics; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203. Credit will be granted for only one of the following: ECON 440 or ECON 441. 3 credits
0101 MWF.....2:00pm- 2:50pm (TYD 1114) Zeck, M
0201 W.....6:30pm- 9:00pm (TYD 0102) Edison, H
0301 MWF.....1:00pm- 1:50pm (TYD 1114) Dellas, H
0401 TuTh.....8:00am- 9:15am (TYD 2110) STAFF
0501 MWF.....11:00am-11:50am (TYD 1128) Zeck, M

ECON454 Theory of Public Finance and Fiscal Federalism; Grade Method: REG/AUD; Prerequisite: ECON 306 or ECON 406. Credit will be granted for only one of the following: ECON 450 or ECON 454. 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 1128) Oates, W

ECON460 Industrial Organization; Grade Method: REG/P-F/AUD; Prerequisite: ECON 306 or ECON 406. 3 credits
0101 TuTh.....8:00am- 9:15am (TYD 0101) Alger, D
0201 TuTh.....11:00am-12:15pm (TYD 2111) Succar, P

ECON602 Macroeconomic Analysis II; Grade Method: REG/AUD; Prerequisite: ECON 601. Co-taught by C. Haliassos and C. Hulten. ECON graduate students only or permission of department. — 3 credits
0101 MW.....11:00am-12:15pm (TYD 2110) — Hulten, C
F.....3:30pm- 5:00pm (TYD 1128) DIS
0201 MW.....2:00pm- 3:15pm (TYD 2110) — Dellas, H
Tu.....5:00pm- 7:00pm (TYD 2110) DIS

ECON604 Microeconomic Analysis II; Grade Method: REG/AUD; Prerequisite: ECON 603. ECON graduate students only or permission of department. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 0101) — Murrell, P
W.....5:00pm- 7:00pm (TYD 2111) DIS
0201 TuTh.....11:00am-12:15pm (TYD 2108) — Murrell, P
F.....2:00pm- 3:15pm (TYD 2109) DIS

ECON607 Economic Theory in the Nineteenth Century; Grade Method: REG/AUD; Prerequisite: ECON 606 or permission of department. Advanced special students not permitted. ECON graduate students only or permission of department. — 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 1114) — Dillard, D

ECON616 Seminar in Economic Development; Grade Method: REG/AUD; Prerequisite: ECON 615 or permission of department. Advanced special students not permitted. ECON graduate students only or permission of department. — 3 credits
0101 Tu.....6:30pm- 9:30pm (TYD 2111) — Betancourt, R

ECON621 Quantitative Economics I; Grade Method: REG/AUD; ECON graduate students only or permission of department. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (WDS 0104) — Poetscher, B
Th.....5:00pm- 7:00pm (TYD 2100) DIS

ECON624 Econometrics II; Grade Method: REG/AUD; Prerequisite: ECON 623. ECON graduate students only or permission of department. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 1132) — Prucha, I
M.....5:00pm- 7:00pm (TYD 2100) DIS

ECON662 Industry Structure, Conduct and Performance; Grade Method: REG/AUD; Prerequisites: ECON 603, and ECON 622 or ECON 624. ECON graduate students only or permission of department. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 2100) — Kessides, I

ECON698 (PermReq) Selected Topics in Economics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ECON6980 Selected Topics in Economics: Workshop on Productivity and Competitiveness; Grade Method: REG/AUD; — 3 credits
0101 M.....3:30pm- 6:00pm (TYD 2102) — Hulten, C

ECON698W Selected Topics in Economics: Economic Analysis and International Security; Grade Method: REG/AUD; Advanced special students not permitted. ECON graduate students only or permission of department. — 3 credits
0101 Tu.....3:30pm- 6:00pm (TYD 1114) — McGuire, M

ECON700 Applied Economic Theory; Grade Method: REG/AUD; Advanced special students not permitted. ECON graduate students only or permission of department. — 3 credits
0101 MW.....9:30am-11:00am (TYD 2140) — Hulten, C

ECON702 Advanced Macroeconomics II; Grade Method: REG/AUD; ECON graduate students only or permission of department. — 3 credits
0101 MW.....2:00pm- 3:15pm (TYD 2140) — Davis, S

ECON722 Econometrics IV; Grade Method: REG/AUD; Prerequisite: ECON 721. Advanced special students not permitted. ECON graduate students only or permission of department. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (TYD 1128) — Kelejian, H

ECON741 Advanced International Economics I; Grade Method: REG/AUD; Prerequisite: ECON 601. ECON graduate students only or permission of department. — 3 credits
0101 MW.....9:30am-10:45am (TYD 2110) — Dellas, H

ECON752 Seminar in Public Finance; Grade Method: REG/AUD; Advanced special students not permitted. ECON graduate students only or permission of department. — 3 credits
0101 MW.....11:00am-12:15pm (TYD 2140) — Lyon, A

ECON756 Theory of Public Choice II; Grade Method: REG/AUD; Prerequisite: ECON 755 or permission of department. No advanced special students admitted. ECON graduate students only or permission of department. Co-taught by D. Mueller and M. Olson. — 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2100) — Coughlin, P

ECON772 Government Policy and the Labor Market; Grade Method: REG/AUD; Prerequisite: ECON 771 or permission of department. Prerequisite: ECON 771 or consent of instructor. ECON graduate students only or permission of department. — 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 2100) — Abraham, K

ECON785 Advanced Economics of Natural Resources; Grade Method: REG/AUD; Prerequisite: ECON 603 and ECON 621, or permission of department. Advanced special students not permitted. ECON graduate students only or permission of department. — 3 credits
0101 MW.....12:30pm- 1:45pm (TYD 2140) — Cropper, M

ECON799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ECON808 (PermReq) Workshop on Macroeconomics and Growth; Grade Method: REG/AUD; ECON graduate students only. — 3 credits
0101 W.....3:30pm- 6:00pm (TYD 1114) — Olson, M

ECON848 (PermReq) Workshop in International Development, and Comparative Economics; Grade Method: SATISFACTORY/AUDIT; ECON graduate students only. — 3 credits
0101 F.....1:00pm- 3:30pm (WDS 1127) — Adams, J

ECON858 (PermReq) Workshop in Public Economics; Grade Method: REG/AUD; ECON graduate students only. — 3 credits
0101 M.....3:30pm- 6:00pm (TYD 1114) — Lyon, A

ECON868 (PermReq) Workshop in Industrial Organization; Grade Method: REG/AUD; ECON graduate students only. — 3 credits
0101 Th.....3:30pm- 6:00pm (TYD 2140) — Kessides, I

ECON878 (PermReq) Workshop in Labor Economics; Grade Method: REG/AUD; ECON graduate students only. — 3 credits
0101 Tu.....3:30pm- 6:00pm (TYD 1132) — Abraham, K

ECON899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

EDCI Curriculum and Instruction (Education)

EDCI280 School Service Semester; Grade Method: S-F; Students must complete application for field component in Office of Laboratory Experiences. Student must reserve the equivalent of one day a week for field experience. — 3 credits
0101 M.....11:00am-11:50am (EDU 2119) — STAFF
Th.....8:00am- 4:00pm (Arranged) LAB
0201 Th.....2:00pm- 2:50pm (EDU 0206) — STAFF
MW.....8:00am- 1:00pm (Arranged) LAB
0202 Th.....2:00pm- 2:50pm (EDU 0206) — STAFF
M.....8:00am- 4:00pm (Arranged) LAB
0203 Th.....2:00pm- 2:50pm (EDU 0206) — STAFF
W.....8:00am- 4:00pm (Arranged) LAB
0301 W.....11:00am-11:50am (EDU 2119) — STAFF
Tu.....8:00am- 4:00pm (Arranged) LAB
0302 W.....11:00am-11:50am (EDU 2119) — STAFF
F.....8:00am- 4:00pm (Arranged) LAB
0401 Tu.....2:00pm- 2:50pm (EDU 2102) — STAFF
TuTh.....8:00am- 1:00pm (Arranged) LAB

EDCI288M Special Topics in Teacher Education: Tutoring in Remedial Mathematics; Grade Method: REG/P-F/AUD; Prerequisite: MATH 210 and recommendation of instructor. — 1-3 credits
0101 Time and room to be arranged — Shearn, E

EDCI298 (PermReq) Special Problems in Teacher Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCI301 Teaching Art in the Elementary School; Grade Method: REG/P-F/AUD; For elementary education and pre-elementary education majors only. — 3 credits
0101 Tu.....1:00pm- 4:00pm (EDU 1315) — STAFF
0201 Th.....1:00pm- 4:00pm (EDU 1315) — STAFF

EDCI314 Teaching Language, Reading, Drama and Literature with Young Children; Grade Method: REG; Prerequisite: EDCI 280. For early childhood majors only. Blocked with EDCI 315, 316, 317, and EDHD 419B. — 3 credits
0101 M.....1:00pm- 4:00pm (EDU 1107) — O'Flahaven, J
0201 M.....9:00am-12:00pm (EDU 1107) — STAFF

EDCI315 The Young Child in the Social Environment; Grade Method: REG; Corequisites: EDCI 317; and EDCI 318. Blocked with EDCI 316; 317; 314; and EDHD 419B. Early childhood majors only. — 3 credits
0101 Th.....1:00pm- 3:00pm (EDU 1107) — Klein, E
Time and room to be arranged LAB
0201 Tu.....1:00pm- 3:00pm (EDU 1107) — STAFF
Time and room to be arranged LAB

EDCI316 The Teaching of Reading: Early Childhood; Grade Method: REG; Blocked with EDCI 315, 317 314, and EDHD 419B. For early childhood majors only. — 3 credits
0101 Tu.....1:00pm- 3:00pm (EDU 1121) — STAFF
Time and room to be arranged LAB
0201 Th.....1:00pm- 3:00pm (EDU 0114) — STAFF
Time and room to be arranged LAB

EDCI317 The Young Child and the Physical Environment; Grade Method: REG; Blocked with EDCI 315, 316, 314, and EDHD 419B. Early childhood majors only. — 3 credits
0101 M.....9:00am-11:45am (EDU 1121) — Dierking, L
TBA (EDU 2212) LAB
0201 Th.....9:30am-12:30pm (EDU 2212) — STAFF
TBA (EDU 2212) LAB

EDCI322A Curriculum and Instruction in Elementary Education: Social Studies; Grade Method: REG; Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 342A, 352A, 362A and 372A. Elementary education majors only. — 3 credits
0101 M.....10:00am-11:50am (EDU 2101) — Weaver, V
Time and room to be arranged LAB

EDCI322B Curriculum and Instruction in Elementary Education: Social Studies; Grade Method: REG; Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 342B, 352B, 362B, 372B. Elementary education majors only. — 3 credits
0101 Tu.....9:30am-11:20am (EDU 0202) — Jantz, R
Time and room to be arranged LAB

EDCI342A Curriculum and Instruction in Elementary Education: Language Arts; Grade Method: REG; Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 352A, 362A, 372A and 322A. Elementary education majors only. — 3 credits
0101 W.....1:00pm- 2:50pm (EDU 1121) — Roderick, J
Time and room to be arranged LAB

EDCI342B Curriculum and Instruction in Elementary Education: Language Arts; Grade Method: REG; Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 352B, 362B, 372B, 322B. Elementary education majors only. — 3 credits
0101 Tu.....1:00pm- 2:50pm (EDU 3236) — O'Flahaven, J
Time and room to be arranged LAB

EDCI352A Curriculum and Instruction in Elementary Education: Mathematics; Grade Method: REG; Prerequisites: MATH 210; and MATH 211; and EDCI 397; and EDHD 300. Teamed with EDCI 342A, 362A, 372A, 322A. Elementary education majors only. — 3 credits
0101 W.....10:00am-11:50am (EDU 2121) — Carey, D
Time and room to be arranged LAB

EDCI352B Curriculum and Instruction in Elementary Education: Mathematics; Grade Method: REG; Prerequisites: MATH 210; and MATH 211; and EDCI 397; and EDHD 300. Teamed with EDCI 342B, 362B 372B, 322B. Elementary education majors only. — 3 credits
0101 Th.....9:30am-11:20am (EDU 2121) — Carey, D
Time and room to be arranged LAB

EDCI362A Curriculum and Instruction in Elementary Education: Reading; Grade Method: REG; Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 322A, 342A, 352A, 372A. Elementary education majors only. — 3 credits
0101 M.....1:00pm- 2:50pm (EDU 1121) — STAFF
Time and room to be arranged LAB

EDCI362B Curriculum and Instruction in Elementary Education: Reading; Grade Method: REG; Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 322B, 342B, 352B, 372B. Elementary education majors only. — 3 credits
0101 Th.....1:00pm- 2:50pm (EDU 1121) — Gambrell, L
Time and room to be arranged LAB

EDCI372A Curriculum and Instruction in Elementary Education: Science; Grade Method: REG; Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 322A, 342A, 352A, 362A. Elementary education majors only. — 3 credits
0101 MW.....9:00am- 9:50am (EDU 2212) — Eley Jr, G
Time and room to be arranged LAB

EDCI372B Curriculum and Instruction in Elementary Education: Science; Grade Method: REG; Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 322B, 342B, 352B, 362B. Elementary education majors only. — 3 credits
0101 TuTh.....8:30am- 9:20am (EDU 2212) — Dierking, L
Time and room to be arranged LAB

EDCI385 Computers for Teachers; Grade Method: REG/P-F/AUD; For early childhood and elementary education majors only. — 3 credits
0101 Th.....11:00am-12:00pm (EDU 1121) — STAFF
M.....9:00am-11:45am (EDU 0114) LAB
0103 Th.....11:00am-12:00pm (EDU 1121) — STAFF
F.....9:00am-11:45am (EDU 1121) LAB

EDCI386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDCI387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDCI390 Principles and Methods of Secondary Education; Grade Method: REG/P-F/AUD; Pre- or corequisite: EDHD 300; or permission of department. — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 0212) — STAFF
Th.....7:00pm- 8:30pm (EDU 0306) LAB
0201 Tu.....4:15pm- 7:00pm (EDU 1107) — Brigham, B
Tu.....7:00pm- 8:30pm (EDU 0306) LAB

EDCI397 Principles and Methods of Teaching in Elementary Schools; Grade Method: REG/P-F/AUD; Prerequisite: EDCI 280. Pre- or corequisite: EDHD 300. Elementary education majors only. — 3 credits
0101 MW.....2:00pm- 3:15pm (EDU 2119) — Heidelbach, R
0201 TuTh.....2:00pm- 3:15pm (EDU 2212) — Nichols, L

EDCI401 Student Teaching in Elementary School: Art; Grade Method: S-F; Prerequisite: EDCI 300. Limited to art education majors who have previously applied. — 4-8 credits
0101 Time and room to be arranged — McWhinnie, H

EDCI402 Student Teaching in Secondary Schools: Art; Grade Method: S-F; Prerequisite: EDCI 300. — 2-8 credits
0101 Time and room to be arranged — McWhinnie, H

EDCI403 Teaching of Art Criticism in Public Schools; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 1315) — Craig, R

EDCI407 Practicum in Art Education: Three-Dimensional; Grade Method: REG/P-F/AUD; For pre-art education and art education majors only. — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 1315) — Craig, R

EDCI411 Student Teaching: Preschool; Grade Method: S-F; For EDCI majors only. — 4 credits
0101 Time and room to be arranged — STAFF

EDCI412 Student Teaching: Kindergarten; Grade Method: S-F; For EDCI majors only. — 4 credits
0101 Time and room to be arranged — STAFF

EDCI413 Student Teaching: Primary Grades; Grade Method: S-F; For EDCI majors only. Prerequisites: EDCI 411 and EDCI 412. — 8 credits
0101 Time and room to be arranged — STAFF

EDCI420 Student Teaching Seminar in Secondary Education: Social Studies; Grade Method: S-F; Corequisite: EDCI 421 or EDCI 422. — 3 credits
0101 Tu.....4:15pm- 7:00pm (LEF 1210) — STAFF

EDCI421 Student Teaching in Secondary Schools: Social Studies/History; Grade Method: S-F; Prerequisite: EDCI 320. Corequisite: EDCI 420. — 12 credits
0101 Time and room to be arranged — Cirrincione, J

EDCI426 (PermReq) Methods of Teaching Social Studies in Secondary Schools; Grade Method: REG/P-F/AUD; Prerequisites: EDHD 300; and EDCI 390. — 3 credits
0101 Time and room to be arranged — STAFF

EDCI430 Student Teaching Seminar in Secondary Education: Foreign Language; Grade Method: REG/P-F/AUD; Prerequisite: EDCI 330. Corequisite: EDCI 431. — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 2203) — Delorenzo, W

EDCI431 Student Teaching in Secondary Schools: Foreign Language; Grade Method: S-F; Prerequisite: EDCI 330. Corequisite: EDCI 430. — 12 credits
0101 Time and room to be arranged — STAFF

EDCI440 Student Teaching Seminar in Secondary Education: English, Speech, Theatre; Grade Method: S-F; Prerequisite: EDCI 340. Corequisite: EDCI 441. Must be concurrently enrolled in EDCI 441 or 442. Meets Feb 7, March 7, April 4, May 2. — 1 credit
0101 Time and room to be arranged — Slater, W

EDCI441 Student Teaching in Secondary Schools: English; Grade Method: S-F; Prerequisite: EDCI 340 or EDCI 442 or EDCI 448. Corequisite: EDCI 440. — 12 credits
0101 Time and room to be arranged — STAFF

EDCI442 Student Teaching in Secondary Schools: Speech; Grade Method: S-F; Prerequisite: EDCI 340. Corequisite: EDCI 440. — 12 credits
0101 Time and room to be arranged — Slater, W

EDCI443 Literature for Children and Youth; Grade Method: REG/P-F/AUD; For elementary education and pre-elementary education majors only. — 3 credits
0101 Tu.....9:00am-11:45am (EDU 0212) — Heidelbach, R
0201 TuTh.....9:30am-10:45am (HBK 0115) — Williams, H

EDCI450 Student Teaching Seminar in Secondary Education: Mathematics; Grade Method: REG/P-F/AUD; Corequisite: EDCI 451. Must be taken concurrently with EDCI 451. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2121) — STAFF

EDCI451 Student Teaching in Secondary Schools: Mathematics; Grade Method: S-F; Prerequisite: EDCI 350. Must also register for EDCI 450. Open to students who have fulfilled requirements of the mathematics education program. — 12 credits
0101 Time and room to be arranged — STAFF

EDCI457 Teaching Secondary Students with Difficulties in Learning Mathematics; Grade Method: REG; Corequisite: EDCI 390 or permission of department. — 3 credits
0101 TuTh.....3:15pm- 4:30pm (EDU 2121) — Graeber, A

EDCI463 The Teaching of Reading in the Secondary School; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....7:00pm-10:00pm (EDU 1121) — Brigham, B
0201 M.....4:15pm- 7:00pm (EDU 1121) — Brigham, B

EDCI484 Clinical Practices in Reading Diagnosis and Instruction; Grade Method: REG/P-F/AUD; Prerequisite: EDCI 362 or EDCI 463. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 1121) — Sarracho, O
0201 Th.....4:15pm- 7:00pm (EDU 1121) — Sarracho, O
Time and room to be arranged DIS

EDCI487 Teaching Writing; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 0114) — Slater, W

EDCI471 Student Teaching in Secondary Schools: Science; Grade Method: S-F; Prerequisite: EDCI 352. Concurrent enrollments in EDCI 488F and 489B. — 12 credits
0101 Time and room to be arranged — STAFF

EDCI481 Student Teaching: Elementary; Grade Method: S-F; For EDCI majors only. Limited to elementary majors who have previously applied. — 12 credits
0101 Time and room to be arranged — STAFF

EDCI484 Student Teaching in Elementary School: Music; Grade Method: S-F; For EDCI majors only. Limited to majors who have previously applied: Open to music education students enrolled in the Department of Curriculum and Instruction. — 4-6 credits
0101 Time and room to be arranged — Folstrom, R

EDCI485 Student Teaching in Elementary School: Physical Educetion; Grade Method: S-F; For EDCI majors only. Limited to majors who have previously applied. — 4-8 credits
0101 Time and room to be arranged — STAFF

EDCI488F Selected Topics in Teacher Education: Computers in Science Education; Grade Method: REG/P-F/AUD; Concurrent enrollment in EDCI 471 and EDCI 489B are required. — 2 credits
0101 Th.....5:15pm- 7:00pm (EDU 2212) — Layman, J

EDCI489 (PermReq) Field Experiences in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

EDCI489B Field Experiences in Education: Seminar for Science Student Teachers; Grade Method: REG; Must be concurrently enrolled in EDCI 471 and EDCI 488F required. — 1 credit
0101 Th.....4:15pm- 5:15pm (EDU 2212) — Holliday, W

EDCI491 Student Teaching in Secondary Schools: Health; Grade Method: S-F; For EDCI majors only. — 12 credits
0101 Time and room to be arranged — STAFF

EDCI494 Student Teaching in Secondary Schools: Music; Grade Method: S-F; For EDCI majors only. — 2-8 credits
0101 Time and room to be arranged — Folstrom, R

EDCI495 Student Teaching in Secondary Schools: Physical Education; Grade Method: S-F; For EDCI majors only. — 2-8 credits
0101 Time and room to be arranged — STAFF

EDCI498 (PermReq) Special Problems in Teacher Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCI602 The Teaching of Aesthetics in the Public Schools; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 1315) — Craig, R

EDCI612 Teaching Strategies in Early Childhood Education; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0114) — Klein, E

EDCI613 Teacher-Parent Relationships; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 1315) — STAFF

EDCI631 Testing in the Foreign Language/ESL Classroom; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (JMZ 1104) — Markham, P

EDCI654 Diagnosis and Treatment of Learning Disabilities in Mathematics II; Grade Method: REG/AUD; Prerequisite: EDCI 653 or permission of department. — 3 credits
0101 Tu.....4:45pm- 7:30pm (EDU 2121) — STAFF

EDCI661 Teaching Reading in the Content Areas; Grade Method: REG/AUD; Prerequisite: EDCI 362 or EDCI 463. — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 1107) — Davey, H

EDCI663 Teaching Reading in the Elementary School; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 1107) — Dreher, J

EDCI665 Clinical Remediation of Reading Disabilities; Grade Method: REG/AUD; Prerequisites: EDCI 660; and [EDCI 663 or EDCI 667]. For reading majors only. — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 1121) — Davey, H

EDCI667 Teaching Reading in Secondary Schools; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 1107) — Dreher, J

EDCI684 Introduction to Field Methods in School and Community; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 0206) — Roderick, J

EDCI685 Research Methods; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 2125) — Holliday, W

EDCI687 Applications of Computers in Instructional Settings; Grade Method: REG/AUD; Prerequisite: EDCI 487 or permission of department. — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 0206) — Nichols, L

EDCI696 Conducting Research on Teaching; Grade Method: REG; Prerequisite: permission of department. — 3 credits
0101 Th.....1:00pm- 4:00pm (JMZ 0122) — Arends, R

EDCI701 Theory and Research in Music Education; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (TWS 3132) — Saunders, C

EDCI711 Education and Group Care of the Infant and Young Child; Grade Method: REG/AUD; Prerequisite: EDMS 645 or permission of department. — 3 credits
0101 W.....7:00pm- 9:45pm (EDU 1315) — Fein, G

EDCI720 Theory and Research in Social Studies Education; Grade Method: REG/AUD; Prerequisites: [EDCI 620 or EDCI 622]; and EDMS 645. — 3 credits
0101 Time and room to be arranged — Cirrincione, J

EDCI730 (PermReq) Theory and Research in Foreign Language/ESOL Education; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 3236) — Delorenzo, W

EDCI750 Theory and Research in Mathematics Education; Grade Method: REG/AUD; Prerequisite: EDCI 650. — 3 credits
0101 Th.....4:45pm- 7:30pm (EDU 2121) — Johnson, M

EDCI769 Theory and Research in Reading; Grade Method: REG/AUD; — ? credits
0101 Th.....4:15pm- 7:00pm (EDU 0202) — Gambrell, L

EDCI770 Foundations of Science Education; Grade Method: REG/AUD; Prerequisite: EDCI 670 or EDCI 671; or permission of department. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2212) — Holliday, W

EDCI780 Theory and Research on Teaching; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (JMZ 2125) — Borko, H

EDCI788G Selected Topics in Teacher Education: Pro Seminar; Grade Method: REG; — 1 credit
0101 Th.....4:15pm- 7:00pm (JMZ 2120) — STAFF

EDCI788I Selected Topics in Teacher Education: Instructional Design and Development; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 1121) — Morariu, J

EDCI788J Selected Topics in Teacher Education: Changing Concepts using MBL; Grade Method: REG/AUD; — 1 credit
0101 Th.....7:00pm- 8:00pm (EDU 2212) — Layman, J

EDCI788L Selected Topics in Teacher Education: Science Supervision; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 2212) — Lockard, J

EDCI788P Selected Topics in Teacher Education: Psycholinguistic Theory Base of Second Language Education; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 1203) — Markham, P

EDCI798 (PermReq) Special Problems in Teacher Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCI799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCI858 Seminar in Mathematics Education; Grade Method: REG/AUD; — 1-3 credits
0101 F.....10:00am-12:00pm (EDU 2121) — Fey, J
Time and room to be arranged LAB

EDCI861 Research Methods in Reading; Grade Method: REG/AUD; Prerequisites: [EDCI 769; and EDMS 646] or permission of department. — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 1107) — Dreher, J

EDCI880 Doctoral Proposal Seminar; Grade Method: REG/AUD; Prerequisites: permission of both department and advisor; and EDCI 685; and EDCI 780 or EDCI 683. — 3 credits
0201 W.....4:15pm- 7:00pm (JMZ 1123) — Jantz, R

EDCI888 (PermReq) Apprenticeship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

EDCI889 (PermReq) Internship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits

EDCI899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

EDCP Education Counseling and Personnel Services (Education)

EDCP108B College and Career Advancement: Concepts and Skills: Reading and Study Skills; Grade Method: REG/P-F/AUD; — 1 credit
0101 WF.....8:00am- 9:00am (SHM 2102) — Van Brunt, J

EDCP108D College and Career Advancement: Concepts and Skills: Career Planning and Decision Making; Grade Method: REG/P-F/AUD; — 1 credit
0101 M.....1:00pm- 3:00pm (EDU 2203) — Hess, S
0201 M.....2:00pm- 4:00pm (EDU 3236) — Hess, S
0301 Tu.....12:30pm- 2:30pm (EDU 1203) — Hess, S
0401 Tu.....2:00pm- 4:00pm (EDU 0114) — Hess, S
0501 W.....1:00pm- 3:00pm (EDU 1203) — Hess, S
0601 W.....2:00pm- 4:00pm (EDU 3236) — Hess, S
0701 Th.....12:30pm- 2:30pm (EDU 1203) — Hess, S

EDCP108M College and Career Advancement: Concepts and Skills: Math Study Skills and Building Confidence; Grade Method: REG/AUD; Enrollment limited to students concurrently enrolled in MATH 001 or MATH 001B. — 1 credit
0101 Meets 01/24/90 - 03/22/90 — Shearn, E
MW.....1:00pm- 2:00pm (EGR 3110)

EDCP108N College and Career Advancement: Concepts and Skills: Academic and Career Advancement: Minority Students; Grade Method: REG; — 1 credit
0101 M.....11:00am-12:00pm (HBK 0117) — Fuertes, J
0201 W.....11:00am-12:00pm (HBK 0117) — Smith, J
0301 F.....11:00am-12:00pm (HBK 0117) — Davis, D
0401 Tu.....12:00pm- 1:00pm (HBK 0125) — Zeigler, R
0501 Tu.....1:00pm- 2:00pm (HBK 0125) — Jackson, J

EDCP108R College and Career Advancement: Concepts and Skills: Returning Students; Grade Method: REG/P-F/AUD; — 1 credit
0101 Th.....12:30pm- 2:30pm (EDU 3236) — Goldberg, B
0201 W.....12:00pm- 2:00pm (EDU 3236) — Greenfeig, B

EDCP108X College and Career Advancement: Concepts and Skills: Study Skills for International Students; Grade Method: REG; — 1 credit
0101 Meets 01/30/90 - 04/03/90 — Hewett, N
TuTh.....2:00pm- 3:15pm (EDU 2203)

EDCP310A Peer Counseling Theory and Skills; Grade Method: REG; Minority peer counseling. Instructor permission required to add this course after first week of classes. — 3 credits
0101 W.....2:00pm- 4:45pm (HBK 0115) — Cothran, M

EDCP386 (PermReq) Field Work; Grade Method: REG; Restricted to students with learning contracts approved prior to Dec. 10, 1989. Concurrent enrollment in EDCP 387 is required. — 2 credits
0101 Time and room to be arranged — Komives, S
1201 Time and room to be arranged — Sedlacek, W

EDCP387 (PermReq) Field Work Analysis; Grade Method: REG; Restricted to students with learning contracts approved prior to Dec. 10, 1989. Concurrent enrollment in EDCP 386 is required. — 1 credit
0101 Time and room to be arranged — Komives, S
1201 Time and room to be arranged — Sedlacek, W

EDCP417 (PermReq) Group Dynamics and Leadership; Grade Method: REG/P-F/AUD; Prerequisite: permission of department. Sections 0201 and 0301 recommended for residence halls students. — 3 credits
0101 TuTh.....11:00am-12:15pm (EDU 0206) — Cuyjet, M
0201 TuTh.....2:00pm- 3:15pm (EDU 0202) — Cuyjet, M
0301 TuTh.....12:30pm- 1:45pm (EDU 0202) — Cuyjet, M

EDCP460 Introduction to Rehabilitation Counseling; Grade Method: REG; — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0212) — Lawrence, R

EDCP470 Introduction to Student Personnel; Grade Method: REG/P-F/AUD; Prerequisite: permission of department. 0101 recommended for orientation advisors only; 0201, 0301, 0401, 0501, 0601 recommended for para-professionals in the residence halls. — 3 credits
0101 M.....3:00pm- 5:45pm (Arranged) — Mielke, P
0201 M.....6:30pm- 9:15pm (Arranged) — Mielke, P
0301 Tu.....2:00pm- 4:45pm (Arranged) — Mielke, P
0401 W.....3:00pm- 5:45pm (Arranged) — Mielke, P
0501 W.....6:00pm- 8:45pm (Arranged) — Mielke, P
0601 TuTh.....3:30pm- 4:45pm (ASY 3211) — Strumpf, G

EDCP489 (PermReq) Field Experiences in Counseling and Personnel Services; Grade Method: REG; — 1-4 credits
0101 Time and room to be arranged — Scales, W
0601 Time and room to be arranged — McEwen, M

EDCP498 Special Problems in Counseling and Personnel Services; Grade Method: REG/P-F/AUD; — 1-3 credits
0601 Time and room to be arranged — McEwen, M
1801 Time and room to be arranged — Power, P
1901 Time and room to be arranged — Pumroy, D
2801 Time and room to be arranged — Hershenson, D

EDCP606 Counseling Adults in Transition; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2102) — Power, P

EDCP611 Career Development Theory and Programs; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 2119) — Power, P

EDCP614 Personality Theories in Counseling and Personnel Services; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 0210) — Greenberg, K

EDCP615 (PermReq) Counseling I: Appraisal; Grade Method: REG/AUD; Corequisite: EDCP 618. For EDCP majors only. — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 3233) — STAFF
0201 Tu.....4:15pm- 7:00pm (EDU 0206) — Fassinger, R

EDCP618 (PermReq) Counseling Skills: Introduction to Practicum; Grade Method: REG/AUD; To be taken concurrently with EDCP 615. — 1 credit
0101 M.....7:00pm- 9:00pm (EDU 0212) LAB — STAFF

EDCP619R (PermReq) Practicum in Counseling: Community-Rehabilitation Counseling; Grade Method: REG; Limited to rehabilitation counseling. — 3 credits
0101 Tu.....7:00pm-10:00pm (EDU 3233) — Lawrence, R

EDCP619S (PermReq) Practicum in Counseling: Schools; Grade Method: REG; Limited to school counseling. — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 1211) — Rhoads, D
0201 W.....4:15pm- 7:00pm (EDU 3233) — Rhoads, D
0301 Th.....4:15pm- 7:00pm (EDU 3233) — Greenberg, K

EDCP619U (PermReq) Practicum in Counseling; Grade Method: REG; Limited to CSPA majors only. — 3 credits
0101 Th.....10:00am- 1:00pm (Arranged) — STAFF
0201 Th.....10:00am- 1:00pm (EDU 0210) — STAFF

EDCP627 (PermReq) Process Consultation; Grade Method: REG; Graduate course in group process required. — 3 credits
0101 F.....9:00am-12:00pm (EDU 0114) — Leonard, M

EDCP634 Diagnostic Appraisal of Children II; Grade Method: REG/AUD; Prerequisite: EDCP 633. Corequisite: EDCP 738. — 3 credits
0101 Th.....9:30am-12:15pm (EDU 3236) — Teglasi-Golubco
Time and room to be arranged DIS

EDCP636 Therapeutic Techniques and Classroom Management II; Grade Method: REG/AUD; Prerequisite: EDCP 635. — 3 credits
0101 Th.....12:30pm- 3:15pm (EDU 2102) — Pumroy, D

EDCP655 Organization and Administration of Personnel Services; Grade Method: REG/AUD; Prerequisite: EDCP 619 or permission of department. — 2 credits
0101 W.....4:15pm- 7:00pm (EDU 0212) — Komives, S

EDCP656 (PermReq) Counseling and Personnel Services Seminar; Grade Method: REG; Limited to students enrolled in school counseling. — 2 credits
0101 Th.....4:15pm- 7:00pm (EDU 1203) — Greenberg, K

EDCP718 (PermReq) Advanced Seminar in Group Processes; Grade Method: REG; Limited to counseling psychology majors. — 3 credits
0101 Th.....12:30pm- 3:30pm (COL 3114) — Fassinger, R

EDCP726 Practicum in Individual Testing I; Grade Method: REG/AUD; Prerequisite: EDMS 622. — 3 credits
0101 M.....1:00pm- 4:00pm (EDU 3233) — Strein, W

EDCP738 (PermReq) Practicum in Child Assessment: Practicum in Assessment; Grade Method: REG/AUD; Concurrent enrollment in EDCP 634 required. — 3 credits
0101 Tu.....9:30am-12:30pm (EDU 3233) LAB — Teglasi-Golubco

EDCP771 The College Student; Grade Method: REG/AUD; Limited to Master's CSPA students. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2101) — McEwen, M

EDCP776 (PermReq) Modification of Human Behavior: Laboratory and Practicum; Grade Method: REG; Prerequisite: permission of department. — 3 credits
0101 Time and room to be arranged — Cook, D
Time and room to be arranged DIS
0201 Tu.....1:00pm- 4:00pm (EDU 0210) — Birk, J

EDCP777 (PermReq) Modification of Human Behavior: Laboratory and Practicum; Grade Method: REG/AUD; Prerequisites: EDCP 776 and permission of department. — 3 credits
0101 Time and room to be arranged — Schlossberg, N

EDCP778 (PermReq) Research Proposal Seminar; Grade Method: REG; Limited to EDCP majors. — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0210) — Sedlacek, W

EDCP789I Advanced Topics in Counseling and Personnel Services; Grade Method: REG/AUD; — 1-6 credits
0101 Time and room to be arranged — Birk, J

EDCP789K Advanced Topics in Counseling and Personnel Services: Environment Assessment; Grade Method: REG/AUD; — 3 credits
0101 Tu.....9:00am-12:00pm (EDU 0114) — Komives, S

EDCP789N (PermReq) Advanced Topics in Counseling and Personnel Services: Therapeutic Approaches for Children; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged — Pumroy, D

EDCP789R Advanced Topics in Counseling and Personnel Services: Aids Seminar; Grade Method: REG/AUD; — 3 credits
0101 Tu.....1:00pm- 3:45pm (EDU 0206) — Hoffman, M

EDCP789S Advanced Topics in Counseling and Personnel Services: Supervision in Counseling; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged — Cook, D
0201 W.....9:00am-12:00pm (EDU 2203) — Birk, J

EDCP798 (PermReq) Special Problems in Counseling and Personnel Services; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCP799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCP888 (PermReq) Apprenticeship in Counseling and Personnel Services; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

EDCP888C (PermReq) Apprenticeship in Counseling and Personnel Services: Community Counseling Apprenticeship; Grade Method: REG; Prerequisite: student must have earned at least an A or B in EDCP 619C; section 0301 restricted to students placed at the UMCP Counseling Center. — 4 credits
0201 W.....12:00pm- 3:00pm (EDU 2203) — Hoffman, M
Time and room to be arranged LAB

EDCP888U (PermReq) Apprenticeship in Counseling and Personnel Services: Practicum in Student Personnel Administration; Grade Method: REG; Restricted to 2nd year MA Students in CSPA. Prerequisite: EDCP 610U and EDCP 771. — 3 credits
0101 M.....3:30pm- 6:15pm (JMZ 1124) — STAFF

EDCP889 (PermReq) Internship in Counseling and Personnel Services; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits

EDCP899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

EDHD Education, Human Development (Education)

EDHD300E (PermReq) Human Development and Learning; Grade Method: REG/AUD; Elementary emphasis. Open only to students with junior standing who are following a complete teacher education program and who have previously applied. — 6 credits
0201 MF.....10:00am-12:00pm (EDU 3315) — Green, H
M.....8:00am- 1:00pm (Arranged) LAB
0301 TuTh.....9:00am-11:00am (EDU 3315) — Bennett, S
W.....8:00am- 1:00pm (Arranged) LAB

EDHD300S (PermReq) Human Development and Learning; Grade Method: REG/AUD; Secondary emphasis. Open only to students with junior standing who are following a complete teacher education program and who have previously applied. — 6 credits
0601 MW.....9:00am-11:00am (EDU 0212) — Gardner, A
Tu.....8:00am- 1:00pm (Arranged) LAB

0701 MF.....12:00pm- 2:00pm (EDU 2102) — STAFF
W.....8:00am- 1:00pm (Arranged) LAB

EDHD306 Study of Human Behavior; Grade Method: REG/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0201 MWF.....12:00pm-12:50pm (EDU 2101) — STAFF
0301 TuTh.....12:30pm- 1:45pm (EDU 3315) — STAFF
0401 TuTh.....9:30am-10:45am (EDU 2102) — STAFF

EDHD320 Human Development Through the Lifespan; Grade Method: REG/AUD; — 3 credits
0101 MWF.....8:00am- 8:50am (EDU 3315) — STAFF
0201 TuTh.....11:00am-12:15pm (EDU 3315) — STAFF
0301 MWF.....10:00am-10:50am (EDU 2102) — STAFF
0401 TuTh.....2:00pm- 3:15pm (EDU 3315) — Gardner, A

EDHD330 Human Development and Societal Institutions; Grade Method: REG/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 TuTh.....9:30am-10:45am (EDU 1315) — Hamby, T

EDHD350 Human Development Factors in Personal Development; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (EDU 2102) — Hamby, T

EDHD388 (PermReq) Field Work; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDHD387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDHD400 Introduction to Gerontology; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (ARC 1127) — Shifflet, A

EDHD411 Child Growth and Development; Grade Method: REG/AUD; Student must keep open one hour during a morning to be arranged. — 3 credits
0201 MWF.....11:00am-11:50am (EDU 2102) — STAFF

EDHD413 Adolescent Development; Grade Method: REG/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0201 Tu.....4:15pm- 7:00pm (EDU 3315) — Gardner, A

EDHD419B Human Development and Learning in School Settings: Human Development and Learning; Grade Method: REG/AUD; Intended for students who enrolled in EDHD 419A in Fall 1989. For early childhood majors only. — 3 credits
0101 Tu.....10:00am-12:00pm (EDU 1107) — Eliot, J
W.....8:00am- 1:00pm (Arranged) LAB

EDHD445 Guidance of Young Children; Grade Method: REG/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: PSYC 100 or EDHD 306 or permission of department. — 3 credits
0101 MWF.....9:00am- 9:50am (EDU 2119) — STAFF
0201 TuTh.....2:00pm- 3:15pm (EDU 0212) — STAFF
0501 TuTh.....11:00am-12:15pm (EDU 2119) — Marcus, R

EDHD460 Educational Psychology; Grade Method: REG/AUD; Prerequisite: PSYC 100 or EDHD 306 or permission of department. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 3315) — Pressley, M
0201 MW.....3:00pm- 4:15pm (EDU 3315) — Byrnes, J

EDHD489 (PermReq) Field Experiences in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

EDHD498 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDHD600 Introduction to Human Development and Child Study; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 0202) — Seefeldt, C

EDHD603 Integrative Bases of Behavior; Grade Method: REG/AUD; Prerequisites: EDHD 600 or equivalent; and EDHD 601; and EDHD 602. — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 3315) — Wigfield, A

EDHD630 Cognitive Processes During Aging; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:45pm (EDU 3315) — Robertson-Tchab

EDHD640 The Adult Learner; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (ASY 3221) — Robertson-Tchab

EDHD701 Training the Parent Educator; Grade Method: REG/AUD; Recommended: course in child development. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2102) — Flatter, C

EDHD721 Learning Theory and the Educative Process I; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 3315) — Byrnes, J
0201 M.....1:00pm- 3:45pm (EDU 1315) — Seefeldt, C

EDHD722 Learning Theory and the Educative Process II; Grade Method: REG; Prerequisite: EDHD 721 or permission of department. — 3 credits
0101 M.....7:00pm- 9:45pm (EDU 3315) — Pressley, M

EDHD741 Conflict Resolution in Divorce Settlement; Grade Method: REG/AUD; Prerequisite: permission of department. — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 3315) — Hunt, E

EDHD779L (PermReq) Special Topics in Human Development: Lab in Developmental Psychophysiology; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 3236) LAB — Fox, N

EDHD780 Research Methods in Human Development; Grade Method: REG/AUD; Prerequisite: EDMS 651 or permission of department. — 3 credits
0101 M.....4:15pm- 7:00pm (JMZ 3120) — Huebner, R

EDHD789 Internship in Human Development; Grade Method: REG/AUD; Contact instructor prior to registration. — 3-8 credits
1101 Time and room to be arranged — Hardy, R
1401 Time and room to be arranged — Hunt, E
2501 Time and room to be arranged — Tyler, B

EDHD798 (PermReq) Special Problems in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors. — 1-6 credits

EDHD799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors. — 1-6 credits

EDHD810 Physical Processes in Human Development I; Grade Method: REG/AUD; Prerequisite: EDHD 601 or permission of department. — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 2120) — Porges, S

EDHD811 Physical Processes in Human Development II; Grade Method: REG/AUD; Prerequisite: EDHD 810 or permission of department. Limited to doctoral students. — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 2203) — Fox, N

EDHD820 Socialization Processes in Human Development I; Grade Method: REG/AUD; Prerequisite: EDHD 602 or permission of department. — 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 3315) — Holloway, S

EDHD821 Socialization Processes in Human Development II; Grade Method: REG/AUD; Prerequisite: EDHD 820 or permission of department. Limited to doctoral students. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 0206) — Marcus, R

EDHD860 Synthesis of Human Development Concepts; Grade Method: REG/AUD; Prerequisites: EDHD 810; and EDHD 820; and EDHD 830. — 3 credits
0101 W.....7:00pm- 9:45pm (EDU 0206) — Tyler, B

EDHD878 (PermReq) Team Research in Human Development; Grade Method: REG/AUD; — 3 credits
0101 W.....1:00pm- 3:45pm (EDU 1315) LAB — Robertson-Tchab
0201 Th.....4:15pm- 7:00pm (EDU 2102) LAB — Flatter, C
0301 Tu.....4:15pm- 7:00pm (JMZ 0202) LAB — Torney-Purta, J

EDHD884 (PermReq) Laboratory in Emotional Development; Grade Method: REG/AUD; Prerequisite: EDHD 811 or permission of department. — 3 credits
0101 Time and room to be arranged LAB — Fox, N

EDHD888 (PermReq) Apprenticeship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

EDHD889 (PermReq) Internship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits

EDHD899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors. — 1-8 credits

---

EDIT Industrial, Technological and Occupational Education (Education)

EDIT101 Mechanical Drawing I; Grade Method: REG/AUD; — 2 credits
0101 TuTh.....11:00am-11:50am (JMP 2229) — Petrina, S
W.....1:00pm- 2:50pm (JMP 2229) LAB
0201 TuTh.....11:00am-11:50am (JMP 2229) — Petrina, S
Th.....1:00pm- 2:50pm (JMP 2229) LAB

EDIT102 Fundamentals of Woodworking; Grade Method: REG/P-F/AUD; — 3 credits
0201 TuTh.....8:00am-11:00am (JMP 1202) — Volk, K
TuTh.....8:00am-11:00am (JMP 1210) LAB

EDIT112 Technical Calculations; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (JMP 3201) — Stough, K

EDIT114 Principles of Typewriting; Grade Method: REG; — 2 credits
0101 MTuWTh.....8:00am- 8:50am (JMP 2115) — Spear, M
0401 MTuWTh.....9:00am- 9:50am (JMP 2115) — Spear, M

EDIT115 Intermediate Typewriting; Grade Method: REG; Prerequisite: minimum grade of C in EDIT 114 or permission of department. — 2 credits
0101 MTuWTh.....1:00pm- 1:50pm (JMP 2115) — Marschall, S

EDIT117 Principles of Shorthand II; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....10:00am-12:00pm (JMP 2115) — Spear, M
TuTh.....10:00am-12:00pm (JMP 2115) LAB

EDIT121 Mechanical Drawing II; Grade Method: REG/AUD; Prerequisite: EDIT 101. — 2 credits
0101 TuTh.....12:00pm-12:50pm (JMP 2229) — Petrina, S
M.....1:00pm- 2:50pm (JMP 2229) LAB
0201 TuTh.....12:00pm-12:50pm (JMP 2229) — Petrina, S
Tu.....1:00pm- 2:50pm (JMP 2229) LAB

EDIT127 Fundamentals of Electricity Electronics; Grade Method: REG/P-F/AUD; — 3 credits
0201 MW.....6:00pm- 9:00pm (JMP 1109) — Wall, J
MW.....6:00pm- 9:00pm (JMP 1109) LAB
0501 TuTh.....1:00pm- 4:00pm (JMP 2201) — Ceppaluni, V
TuTh.....1:00pm- 4:00pm (JMP 2201) LAB

EDIT160 Design Illustrating I; Grade Method: REG/P-F/AUD; Recommended for interior design, advertising design, pre-design, landscape design, and horticulture majors only. — 3 credits
0401 MW.....9:00am-12:00pm (JMP 2108) — Chory, M
MW.....9:00am-12:00pm (JMP 2108) LAB
0801 TuTh.....6:00pm- 9:00pm (JMP 2108) — Schuma, J
TuTh.....6:00pm- 9:00pm (JMP 2108) LAB
1001 TuTh.....11:00am- 2:00pm (JMP 2108) — Andrew, K
TuTh.....11:00am- 2:00pm (JMP 2108) LAB
1201 TuTh.....8:00am-11:00am (JMP 2108) — Andrew, K
TuTh.....8:00am-11:00am (JMP 2108) LAB
1401 MWF.....1:00pm- 3:00pm (JMP 2108) — Blom, R
MWF.....1:00pm- 3:00pm (JMP 2108) LAB

EDIT202 Machine Woodworking; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 102 or equivalent. — 3 credits
0101 MW.....1:00pm- 4:00pm (JMP 1210) — Volk, K
MW.....1:00pm- 4:00pm (JMP 1210) LAB

EDIT210 Foundry; Grade Method: REG/P-F/AUD; Students must also register for same section of EDIT 223. — 1 credit
0101 Th.....6:00pm-10:00pm (JMP 1109) — Pozonsky, C
Th.....6:00pm-10:00pm (JMP 1108) LAB
0301 TuTh.....1:00pm- 3:00pm (JMP 1109) — Pozonsky, C
TuTh.....1:00pm- 3:00pm (JMP 1108) LAB

EDIT215 Survey of Office Machines; Grade Method: REG; — 3 credits
0201 MWF.....10:00am-11:50am (JMP 3106) — Spear, M

EDIT223 Arc and Gas Welding; Grade Method: REG/P-F/AUD; Corequisite: EDIT 210. — 1 credit
0101 Time and room to be arranged — Pozonsky, C
0301 Time and room to be arranged — Pozonsky, C

EDIT224 Organized and Supervised Work Experiences I; Grade Method: REG/P-F/AUD; Prerequisite: permission of department. Student must see instructor during first week of classes. — 3 credits
0101 Time and room to be arranged — Elkins, R

EDIT227 Applications of Electronics; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 127 or equivalent. — 3 credits
0101 TuTh.....6:00pm- 9:00pm (JMP 2201) — Wall, J
TuTh.....6:00pm- 9:00pm (JMP 2201) LAB

EDIT231 Mechanical Drawing III; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 121. — 2 credits
0101 TuTh.....11:00am- 1:00pm (JMP 2225) — Volk, K
TuTh.....11:00am- 1:00pm (JMP 2225) LAB

EDIT233 Fundamentals of Power Technology; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....8:00am-10:00am (JMP 2123) — Levy, D
MWF.....8:00am-10:00am (JMP 1229) LAB

EDIT234 Graphic Communications; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....8:00am-10:00am (JMP 2202) — McLaughlin Jr.,
MWF.....8:00am-10:00am (JMP 2222) LAB
0201 MWF.....10:00am-12:00pm (JMP 2202) — McLaughlin Jr.,
MWF.....10:00am-12:00pm (JMP 2222) LAB
0401 MW.....1:00pm- 4:00pm (JMP 2202) — McLaughlin Jr.,
MW.....1:00pm- 4:00pm (JMP 2222) LAB

EDIT241 Architectural Drawing; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 101 or equivalent. — 2 credits
0101 MW.....9:00am-11:00am (JMP 2229) — Craven, H
MW.....9:00am-11:00am (JMP 2229) LAB
0201 MW.....3:00pm- 5:00pm (JMP 2229) — Craven, H
MW.....3:00pm- 5:00pm (JMP 2229) LAB

EDIT262 Basic Metal Machining; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 101 or equivalent. — 3 credits
0101 MW.....12:00pm- 3:00pm (JMP 1109) — Pozonsky, C
MW.....12:00pm- 3:00pm (JMP 1120) LAB
0301 TuTh.....9:00am-12:00pm (JMP 1109) — Pozonsky, C
TuTh.....9:00am-12:00pm (JMP 1120) LAB

EDIT270 Field Experiences; Grade Method: REG; For business education, industrial arts, and vocational technical education majors only and/or pre-education students entering above field of study. Reserve one morning per week for visitations. — 3 credits
0101 Th.....3:00pm- 3:50pm (JMP 3104) — Peters, R
Time and room to be arranged LAB

EDIT273 Practicum in Ceramics; Grade Method: REG/P-F/AUD; For art education majors only or permission of department. — 3 credits
0101 MF.....1:00pm- 4:00pm (JMP 2120) — McWhinnie, H

EDIT291 Introduction to Plastics Technology; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....9:00am-11:00am (JMP 3201) — Wolfe, S
TuTh.....1:00pm- 2:50pm (JMP 1216) LAB
0102 Tu.....9:00am-11:00am (JMP 3201) — Wolfe, S
MW.....1:00pm- 2:50pm (JMP 1216) LAB
0103 Tu.....9:00am-11:00am (JMP 3201) — Wolfe, S
TuTh.....11:00am-12:50pm (JMP 1216) LAB

EDIT298 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDIT302 Woodworking Technology; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 102 or equivalent. — 3 credits
0101 MW.....8:00am-11:00am (JMP 1210) — Volk, K
MW.....8:00am-11:00am (JMP 1210) LAB

EDIT324 Organized and Supervised Work Experiences II; Grade Method: REG/P-F/AUD; Prerequisite: permission of department. Student must see instructor during first week of classes. — 3 credits
0101 Time and room to be arranged — Elkins, R

EDIT327 (PermReq) Electronic Semi-Conductor Applications; Grade Method: REG; Prerequisite: EDIT 127 or equivalent. — 3 credits
0101 Time and room to be arranged — Ceppaluni, V
Time and room to be arranged LAB

EDIT334 Photographic and Electronic Graphic Communications; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 234 or equivalent. — 3 credits
0101 TuTh.....9:00am-12:00pm (JMP 2202) — McLaughlin Jr.,
TuTh.....9:00am-12:00pm (JMP 2222) LAB

EDIT335 Continuous Tone Photographic Technology; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 234 or permission of department. — 3 credits
0101 TuTh.....1:00pm- 4:00pm (JMP 1202) — Bell, T
TuTh.....1:00pm- 4:00pm (JMP 2222) LAB

EDIT340 Methods of Teaching Office Skills; Grade Method: REG; Meets only first eight weeks of semester. — 3 credits
0101 TuTh.....1:00pm- 3:50pm (JMP 3105) — Boyce, J

EDIT342 Curriculum, Instruction, and Observation: Home Economics Education; Grade Method: REG/P-F/AUD; Lab time will be arranged for Friday. — 3 credits
0101 MW.....1:00pm- 4:00pm (JMP 3225A) — Hultgren, F

EDIT344 Curriculum, Instruction, and Observation: Industrial Arts Education; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 4:00pm (JMP 3104) — Luetkemeyer, J
Time and room to be arranged LAB

EDIT350 Methods of Teaching: Trades and Industrial Education; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMP 1202) — Luetkemeyer, J

EDIT360 Industrial Production Technology; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 262 or permission of department. — 3 credits
0101 TuTh.....9:30am-10:45am (JMP 3104) — Mietus, W
TuTh.....9:30am-10:45am (JMP 3104) LAB

EDIT391 Plastics Processing Fundamentals; Grade Method: REG/P-F/AUD; Lecture and laboratory. Prerequisite: EDIT 291 or permission of department. — 3 credits
0101 MW.....9:00am-12:00pm (JMP 1202) — Wolfe, S
MW.....9:00am-12:00pm (JMP 1216) LAB

EDIT399 Trade Competence; Grade Method: REG/P-F/AUD; — 1-20 credits
0101 Time and room to be arranged — Beatty, C

EDIT405 Business Communications; Grade Method: REG; — 3 credits
0101 TuTh.....11:00am-12:30pm (JMP 3104) — Boyce, J

EDIT406 (PermReq) Word Processing; Grade Method: REG; For business education majors only or permission of department. — 3 credits
0101 M.....4:15pm- 7:00pm (JMP 3106) — Marschall, S
0201 TuTh.....9:30am-10:45am (JMP 3106) — Boyce, J

EDIT414 Organization and Coordination of Cooperative Education Programs; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (JMP 3225) — Herschbach, D

EDIT416 Financial and Economic Education II; Grade Method: REG/AUD; — 3 credits
0101 Meets 01/22/90 - 03/16/90 — Hewitt, M
TuTh.....4:00pm- 7:00pm (JMP 3104)

EDIT422 Student Teaching: Industrial Arts Education; Grade Method: S-F; — 2-12 credits
0101 Time and room to be arranged — Stough, K

EDIT425 Analysis of Industrial Training Programs I; Grade Method: REG/P-F/AUD; Recommended for junior or higher academic status. — 3 credits
0101 Th.....7:00pm-10:00pm (JMP 1202) — Smith, J

EDIT426 Analysis of Industrial Training Programs II; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 425. Recommended for junior or higher academic status. — 3 credits
0101 M.....7:00pm-10:00pm (JMP 1202) — Smith, J

EDIT432 Student Teaching: Business Education; Grade Method: S-F; — 2-12 credits
0101 Time and room to be arranged — Peters, R

EDIT436 (PermReq) Analysis of Child Development Laboratory Practices; Grade Method: REG/P-F/AUD; Prerequisite: FMCD 332 or EDHD 411. Consent of instructor required. Save half day a.m. on Tuesday or Thursday. — 3 credits
0101 Th.....4:15pm- 7:00pm (JMP 3225A) — Straw, R
Time and room to be arranged LAB

EDIT440 Industrial Hygiene; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....7:00pm-10:00pm (JMP 2202) — Wilkinson, T

EDIT442 Student Teaching: Home Economics Education; Grade Method: S-F; — 2-12 credits
0101 Time and room to be arranged — Hultgren, F

EDIT443 Industrial Safety I; Grade Method: REG/P-F/AUD; Must have at least 56 credits to register. — 3 credits
0101 MWF.....2:00pm- 2:50pm (JMP 3201) — Ashley, R

EDIT444 Industrial Safety II; Grade Method: REG/P-F/AUD; Must have at least 56 credits earned to register. — 3 credits
0101 Tu.....7:00pm-10:00pm (JMP 3201) — Ashley, R
0201 W.....7:00pm-10:00pm (JMP 3225) — Ashley, R

EDIT450 Training Aids Development; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (JMP 3225) — Beatty, C

EDIT455 Private Fire Protection Analysis II; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 448. — 3 credits
0101 M.....7:00pm-10:00pm (JMP 3104) — STAFF

EDIT457 Tests and Measurements; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....7:00pm-10:00pm (JMP 3201) — Stough, K

EDIT461 Principles of Vocational Guidance; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....7:00pm-10:00pm (JMP 2202) — Mietus, W

EDIT462 Occupational Analysis and Course Construction; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (JMP 3225) — Herschbach, D

EDIT465 Modern Industry; Grade Method: REG/P-F/AUD; Recommended for junior or higher academic status. — 3 credits
0101 Th.....4:15pm- 7:00pm (JMP 3201) — Levy, D

EDIT470 Numerical Control in Manufacturing; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (JMP 3225) — Elkins, R

EDIT471 History and Principles of Vocational Education; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (JMP 1202) — Luetkemeyer, J

EDIT472 Quality Control and Assurance in Industrial Settings; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (JMP 3104) — Sullivan, D

EDIT475 Recent Technological Developments in Products and Processes; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (JMP 3105) — Elkins, R

EDIT476 Application of Technology to Societal Problems; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 MWF.....8:00am- 8:50am (JMP 3201) — Sullivan, D
0301 MWF.....11:00am-11:50am (JMP 3104) — Levy, D
0401 MWF.....12:00pm-12:50pm (JMP 3104) — Levy, D

EDIT477 Microcomputer Applications in Technology and Industry; Grade Method: REG/P-F/AUD; Prerequisite: EDCI 407 or CMSC 103 or permission of department. For EDIT majors or education juniors or seniors only or by permission of instructor. — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMP 3106) — Elkins, R

EDIT482 Student Teaching: Trade and Industrial Education; Grade Method: S-F; — 2-12 credits
0101 Time and room to be arranged — Stough, K

EDIT484 Field Experiences in Home Economics Education; Grade Method: REG/P-F/AUD; — 3 credits
0101 Time and room to be arranged — Straw, R

EDIT485 Field Experiences in Business Education; Grade Method: REG; — 3 credits
0101 Time and room to be arranged — Peters, R

EDIT488L (PermReq) Selected Topics in Education: Strategies of Teaching Critical and Creative Thinking; Grade Method: REG/P-F/AUD; Contact instructor about location and permission to register. — 3 credits
0101 Th.....4:15pm- 7:00pm (Arranged) — Hultgren, F

EDIT488S Selected Topics in Education: Advanced Software Applications in Business Education; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 215, EDIT 406 or permission of department. — 3 credits
0101 TuTh.....2:00pm- 4:00pm (JMP 3106) — Spear, M
TuTh.....2:00pm- 4:00pm (JMP 3106) LAB

EDIT492 Issues Encountered in Daily Living in the Home; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Junior standing. — 3 credits
0101 TuTh.....1:00pm- 2:30pm (JMP 3104) — Straw, R

EDIT498 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDIT499D Workshops, Clinics, and Institutes: Workshop in Vocational Education; Grade Method: REG/P-F/AUD; — 1-3 credits
0101 W.....6:00pm- 7:00pm (JMP 3104) — Mietus, W

EDIT499R Workshops, Clinics, and Institutes: Work Experience, Trade Advancement; Grade Method: REG/P-F/AUD; — 1-6 credits
0101 Time and room to be arranged — Luetkemeyer, J

EDIT640 Research in Industrial Arts and Vocational Education; Grade Method: REG/AUD; — 1-3 credits
0101 W.....4:15pm- 7:00pm (JMP 3104) — Mietus, W

EDIT641 Content and Method of Industrial Arts; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm-10:00pm (JMP 3201) — Maley, D

EDIT642 Coordination in Work-Experience Programs; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (JMP 3225) — Herschbach, D

EDIT647 Seminar in Industrial Arts and Vocational Education; Grade Method: REG/AUD; — 1-3 credits
0101 W.....4:15pm- 7:00pm (JMP 3104) — Mietus, W

EDIT676 Planning and Policy Issues in Vocational and Technical Education; Grade Method: REG/AUD; Prerequisite: EDIT 471 or permission of department. — 3 credits
0101 W.....7:00pm-10:00pm (JMP 3104) — Herschbach, D

EDIT742 Theory and Research in Business Education; Grade Method: REG/AUD; — 1-3 credits
0101 W.....4:15pm- 7:00pm (JMP 1202) — Peters, R

EDIT788Z Selected Topics in Education: Microcomputer Applications in Technology and Industry; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMP 3106) — Elkins, R

EDIT798 (PermReq) Special Problems in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDIT799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDIT888 (PermReq) Apprenticeship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

EDIT889 (PermReq) Internship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits

EDIT899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

EDMS Measurement, Statistics, and Evaluation (Education)

EDMS410 Principles of Testing and Evaluation; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (COL 3110) STAFF

EDMS451 Introduction to Educational Statistics; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Limited to students with cumulative credits of 60. Students in programs requiring a different introductory applied statistics course for the major, eg., BMGT, PSYC, ECON and possibly others, may not use EDMS 451 to satisfy the USP Advanced Studies requirement. — 3 credits
0301 TuTh.....2:00pm- 3:15pm (EDU 4233) STAFF
0401 TuTh.....12:30pm- 1:45pm (EDU 4233) STAFF
0601 MW.....11:00am-12:15pm (EDU 4233) STAFF

EDMS635 Computer-Based Measurement; Grade Method: REG/AUD; Prerequisite: EDMS 651; and EDMS 623. — 3 credits
0101 Th.....4:15pm- 7:00pm (JMZ 1120) Johnson, C

EDMS645 Quantitative Research Methods I; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 8:40pm (ASY 2203) Macready, G
M.....5:00pm- 6:40pm (ASY 3207) LAB
0102 Th.....7:00pm- 8:40pm (ASY 2203) Macready, G
M.....7:00pm- 8:40pm (EDU 4233) LAB
0103 Th.....7:00pm- 8:40pm (ASY 2203) Macready, G
Tu.....5:00pm- 6:40pm (ASY 3211) LAB

EDMS646 Quantitative Research Methods II; Grade Method: REG/AUD; Prerequisite: EDMS 645. — 3 credits
0101 Th.....5:00pm- 6:40pm (ASY 2309) Macready, G
M.....4:30pm- 6:10pm (ASY 3215) LAB
0102 Th.....5:00pm- 6:40pm (ASY 2309) Macready, G
Tu.....5:00pm- 6:40pm (ASY 3215) LAB
0103 Th.....5:00pm- 6:40pm (ASY 2309) Macready, G
Tu.....7:00pm- 8:40pm (EDU 4233) LAB

EDMS651 Intermediate Statistics in Education; Grade Method: REG/AUD; — 3 credits
0101 MW.....4:15pm- 5:30pm (EDU 4233) Johnson, C
0201 TuTh.....4:15pm- 5:30pm (EDU 4233) Schafer, W

EDMS657 Factor Analysis; Grade Method: REG/AUD; Prerequisite: EDMS 651. — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 1120) Dayton, C

EDMS724 Measurement Theory II; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged DIS DeAyala, R

EDMS771 Design of Experiments; Grade Method: REG/AUD; Prerequisite: EDMS 651. — 3 credits
0101 MW.....4:15pm- 5:30pm (ASY 3219) Dayton, C

EDMS780 Research Methods and Materials; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 1120) Schafer, W

EDMS798 Special Problems in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDMS799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDMS889 Internship in Measurement and Statistics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits

EDMS899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

EDPA Education Policy, Planning and Administration (Education)

EDPA210 Historical and Philosophical Perspectives on Education; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 TuTh.....11:00am-12:15pm (EDU 2101) Noll, J

EDPA301 Foundations of Education; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (EDU 2119) STAFF
0201 TuTh.....9:30am-10:45am (EDU 2119) Agre, G
0301 TuTh.....11:00am-12:15pm (EDU 1315) Agre, G
0401 TuTh.....12:30pm- 1:45pm (EDU 0212) Noll, J
0501 M.....7:00pm- 9:45pm (EDU 2101) STAFF
0601 Tu.....4:15pm- 7:00pm (EDU 2102) Male, G

EDPA386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDPA387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDPA400 The Future of the Human Community; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EDU 2101) Hopkins, R
0201 W.....4:15pm- 7:00pm (EDU 2119) Splaine, J

EDPA489 Field Experiences in Education; Grade Method: S-F; Contact instructor prior to registration. — 1-4 credits
0101 Time and room to be arranged LAB Andrews Jr., J
0201 Time and room to be arranged LAB Selden, S
0301 Time and room to be arranged LAB Warren, D
0401 Time and room to be arranged LAB Hopkins, R

EDPA498 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDPA613 Educational Sociology; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 2102) Huden, D

EDPA622 Education Policy, Values, and Social Change; Grade Method: REG/AUD; Prerequisite: EDPA 620. — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 2102) Hopkins, R

EDPA626 Education Policy and the Young; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 1315) Finkelstein, B

EDPA635 Principles of Curriculum Development; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:45pm (EDU 2101) Selden, S

EDPA660 Administrative Foundations; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:45pm (EDU 2102) Stephens, E

EDPA661 Administrative Behavior and Organizational Management; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:45pm (EDU 2102) Goldman, H

EDPA662 Administrative Processes; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 0114) McLoone, E

EDPA665 The Organization and Administration of Secondary Schools; Grade Method: REG/AUD; Prerequisite: permission of department. — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2203) Goldman, H

EDPA667 Public School Supervision; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 1226) Bensimon, G

EDPA679 Master's Seminar: Seminar in Educational Administration and Supervision; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 1122) Stephens, E

EDPA700 Qualitative Research Methods in Education; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 0204) Huden, D

EDPA738 Scholarly Thought and Contemporary Curriculum; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 3236) Berman, L

EDPA750 International Higher Education; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 1104) Male, G

EDPA751 Law and Equity in Education; Grade Method: REG/AUD; Prerequisite: EDPA 651 or permission of department. — 3 credits
0101 W.....4:15pm- 7:00pm (ASY 3221) Clague, M

EDPA752 State Systems of Higher Education; Grade Method: REG/AUD; Taught by Dr. Robert Berdahl, Distinguished Scholar Teacher. — 3 credits
0101 W.....7:00pm- 9:45pm (EDU 2203) Berdahl, R

EDPA753 Higher Education Planning; Grade Method: REG/AUD; Prerequisite: EDPA 653 or permission of department. — 3 credits
0101 M.....7:00pm- 9:45pm (EDU 3233) Schmidtlein, F

EDPA757 College Teaching; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0206) Selden, S

EDPA788Q Special Topics in Education Policy and Administration: International Crisis in the Quality of Education; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 2105) Heyneman, S

EDPA798 (PermReq) Special Problems in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDPA799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDPA811 Seminar in History of Education; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 2119) Finkelstein, B

EDPA850 Seminar in Problems of Higher Education; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0114) Birnbaum, R

EDPA851 College and University Development; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 2119) Carbone, R

EDPA889 Internship in Education; Grade Method: S-F; Consent of advisor; recommended that school administration/supervision majors register for section 0101; curriculum theory, 0201; higher/adult education, 0301; social foundations, 0401. — 3-8 credits
0101 Time and room to be arranged LAB Andrews Jr., J
0201 Time and room to be arranged LAB Carbone, R
0301 Time and room to be arranged LAB Selden, S
0401 Time and room to be arranged LAB Warren, D
0501 Time and room to be arranged Hopkins, R

EDPA895 Research Critique Seminar; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0210) Schmidtlein, F

EDPA899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

EDSP Education, Special (Education)

EDSP210 Introduction to Special Education; Grade Method: REG/AUD; — 3 credits
0101 MW.....1:00pm- 2:30pm (EDU 0212) Cooper, D

EDSP288C Special Topics in Teacher Education: Career Development in Special Education; Grade Method: REG/P-F/AUD; Open to all undergraduate students. — 1 credit
0201 F.....11:00am-12:00pm (EDU 2119) Florian, L

EDSP330 Families and the Education of Handicapped Children; Grade Method: REG/P-F/AUD; Prerequisite: EDSP 321. Corequisites: [EDSP 405; and EDSP 424; and EDSP 445 or EDSP 463] or permission of department. For EDSP majors only. Pre-special education, special education, and special education graduate students only. — 3 credits
0101 TuTh.....2:45pm- 4:15pm (EDU 2119) Harry, E

EDSP331 Introduction to Curriculum and Instructional Methods in Special Education; Grade Method: REG/AUD; Prerequisites: EDSP 320; and EDSP 321. Pre- or corequisites: EDSP 332; and EDSP 333; and EDSP 443. For EDSP majors only. — 3 credits
0101 MW.....1:15pm- 2:45pm (EDU 2101) Leone, P

EDSP332 Interdisciplinary Communication in Special Education; Grade Method: REG/AUD; Prerequisites: EDSP 320; and EDSP 321. Pre- or corequisites: EDSP 331; and EDSP 333; and EDSP 443. For EDSP majors only. — 3 credits
0101 TuTh.....1:15pm- 2:45pm (EDU 2119) Crowley, A

EDSP333 Field Placement in Special Education II; Grade Method: REG/AUD; Prerequisite: EDSP 322. Pre- or corequisites: EDSP 331; and EDSP 332; and EDSP 443. For EDSP majors only. Students must reserve two half days (8-1) for this experience. — 3 credits
0101 F.....10:00am-12:00pm (EDU 0212) Crowley, A
MW.....8:00am- 1:00pm (Arranged) LAB
0201 F.....10:00am-12:00pm (EDU 0212) Crowley, A
TuTh.....8:00am- 1:00pm (Arranged) LAB
0301 F.....10:00am-12:00pm (EDU 0212) Crowley, A
TuTh.....8:00am- 1:00pm (Arranged) LAB
0401 F.....10:00am-12:00pm (EDU 0212) Crowley, A
MW.....8:00am- 1:00pm (Arranged) LAB

EDSP376 Fundamentals of Sign Language; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....4:15pm- 5:30pm (ARC 1105) Aiello, E

EDSP403 Physical and Communication Development for Severely Handicapped Students; Grade Method: REG/AUD; Prerequisites: [EDSP 400; and EDSP 404] or permission of department. Corequisites: [EDSP 330; and EDSP 405; and EDSP 410] or permission of department. Practicum required. Placement arranged for students not concurrently enrolled in EDSP 405. Pre-special education, special education majors and special education graduate students only. — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 2101) Kohl, F

EDSP405 Field Placement: Severely Handicapped II; Grade Method: REG/AUD; Prerequisite: EDSP 402 or permission of department. Pre- or corequisites: EDSP 330; and EDSP 403; and EDSP 410 or permission of department. Undergraduate students only. — 4 credits
0101 F.....9:00am-10:30am (EDU 1315) Kohl, F
TuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP405A Field Placement: Severely Handicapped II; Grade Method: REG/AUD; Prerequisite: EDSP 402 or permission of department. Pre- or corequisites: EDSP 330; and EDSP 403; and EDSP 410 or permission of department. Open to special education graduate students only. — 2-5 credits
0201 Time and room to be arranged Kohl, F
0301 Time and room to be arranged Egel, A

EDSP410 Community Functioning Skills For Severely Handicapped Students; Grade Method: REG/AUD; Prerequisites: [EDSP 400; and EDSP 404] or permission of department. Corequisites: EDSP 330; and EDSP 403; and EDSP 405. Field placement required. Practicum arranged for those students not concurrently enrolled in EDSP 405. Pre-special education, special education majors and special education graduate students only. — 3 credits
0101 M.....7:00pm- 9:45pm (EDU 0202) STAFF

EDSP417 Student Teaching: Severely Handicapped; Grade Method: S-F; Limited to special education majors who have pre-registered with the EDSP department. — 4-11 credits
0101 M.....4:00pm- 6:00pm (JMZ 2120) Crowley, A
Time and room to be arranged LAB

EDSP418 Seminar: Issues and Research Related to the Instruction of Severely Handicapped Students; Grade Method: REG/AUD; Limited to special education majors and special education graduate students. — 3 credits
0101 Time and room to be arranged Kohl, F

EDSP422 Curriculum and Instruction in Early Childhood Special Education (Moderate to Mild: 3-8 Years); Grade Method: REG/AUD; Prerequisites: EDSP 410; and EDSP 420 or permission of department. Corequisites: EDSP 330; and EDSP 424. Field placement required. Placement arranged for those students not concurrently enrolled in EDSP 424. Pre-special education, special education, and special education graduate students only. — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0202) Lieber, J

EDSP424 Field Placement: Early Childhood Special Education II (Moderate to Mild); Grade Method: REG/AUD; Prerequisite: EDSP 421 or permission of department. Pre- or corequisites: EDSP 350; and EDSP 422. Students must reserve three half days (8-1) for this experience. Pre-special education and special education majors only. — 4 credits
0101 F.....10:30am-12:00pm (EDU 1315) Crowley, A
TuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP424A Field Placement: Early Childhood Special Education II (Moderate to Mild); Grade Method: REG/AUD; Prerequisite: EDSP 421 or permission of department. Pre- or corequisites: EDSP 350; and EDSP 422. Special education graduate students only. — 2-4 credits
0101 Time and room to be arranged Beckman, P
0201 Time and room to be arranged Kohl, F
0301 Time and room to be arranged Lieber, J
0401 Time and room to be arranged Cooper, D

EDSP437 Student Teaching: Early Childhood Special Education; Grade Method: S-F; Limited to special education majors who have pre-registered with the EDSP department. — 4-11 credits
0101 MTu.....4:00pm- 6:00pm (JMZ 0120) Crowley, A
Time and room to be arranged LAB

EDSP438 Seminar: Special Issues in Early Childhood Special Education; Grade Method: REG/AUD; Limited to special education majors and special education graduate students. — 3 credits
0101 Time and room to be arranged Kohl, F

EDSP440 Assessment and Instructional Design for the Educationally Handicapped: Cognitive and Psychosocial Development; Grade Method: REG/AUD; Prerequisites: [EDSP 441; and EDCI 456] or permission of department. Pre- or corequisites: EDSP 330; and EDSP 445; and EDHD 413. Field placement required. Practicum arranged for those students not concurrently enrolled in EDSP 445. Pre-special education, special education, and graduate students only. — 3 credits
0101 TuTh.....1:15pm- 2:45pm (EDU 3233) Speece, D

EDSP443 Assessment and Instructional Design for the Handicapped: Reading and Written Communication Disorders; Grade Method: REG/AUD; Prerequisites: [EDSP 320; and EDSP 321] or permission of department. Pre- or corequisites: EDSP 331; and EDSP 332; and EDSP 333. Field placement required. Practicum arranged for those students not concurrently enrolled in EDSP 405 or 424 or 445 or 463. Pre-special education, special education majors and special education graduate students only. Recommended that EH and CV students register for Section 1; EC and SH students, Section 2. — 3 credits
0201 MW.....2:45pm- 4:15pm (EDU 0212) Lieber, J

EDSP445 Field Placement: Educationally Handicapped II; Grade Method: REG/AUD; Prerequisite: EDSP 442 or permission of department. Pre- or corequisites: EDSP 330; and EDSP 440; and EDSP 443; and EDHD 413. Students must reserve three half days (8-1) for this experience. Pre-special education and special education majors only. — 4 credits
0101 F.....9:00am-10:30am (EDU 2101) Crowley, A
TuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP445A Field Placement: Educationally Handicapped II; Grade Method: REG/AUD; Prerequisite: EDSP 442 or permission of department. Pre- or corequisites: EDSP 330; and EDSP 440; and EDSP 443; and EDHD 413. Special education graduate students only. — 2-4 credits
0101 Time and room to be arranged Graham, S
0201 Time and room to be arranged Leone, P
0301 Time and room to be arranged Speece, D
0401 Time and room to be arranged Harris, K
0501 Time and room to be arranged Cooper, D
0601 Time and room to be arranged Simms, B
0701 Time and room to be arranged Hebeler, J
0801 Time and room to be arranged STAFF

EDSP457 Student Teaching: Educationally Handicapped; Grade Method: S-F; For EDSP majors only. Limited to special education majors who have pre-registered with the EDSP department. — 4-11 credits
0101 MTu.....4:00pm- 6:00pm (JMZ 0125) Crowley, A
Time and room to be arranged LAB

EDSP458 Seminar: Special Issues and Research Related to the Educationally Handicapped; Grade Method: REG/AUD; Limited to special education majors and special education graduate students. — 3 credits
0101 Time and room to be arranged Kohl, F

EDSP462 Vocational Assessment and Instruction in Special Education; Grade Method: REG/AUD; Prerequisite: EDSP 460 or permission of department. Practicum arranged for those students not concurrently enrolled in EDSP 463. Restricted to special education graduate students and pre-special education and special education majors. — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 3233) Neubert, D

EDSP463 Field Placement: Career/Vocational II; Grade Method: REG/AUD; Prerequisite: EDSP 461 or permission of department. Pre- or corequisites: EDSP 330; and EDSP 462. Students must reserve three half days (8-1) for this experience. Pre-special education and special education majors only. — 3 credits
0101 F.....10:30am-12:00pm (EDU 0210) Crowley, A
TuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP463A Field Placement: Career/Vocational II; Grade Method: REG/AUD; Prerequisite: EDSP 461 or permission of department. Pre- or corequisites: EDSP 330; and EDSP 462. Open to special education graduate students only. — 3 credits
0101 Time and room to be arranged Neubert, D

EDSP467	Student Teaching: Career/Vocational; Grade Method: S-F; Limited to special education majors who have pre-registered with the EDSP department.	4-11 credits
0101	M.....4:00pm- 8:00pm (JMZ 0204) Time and room to be arranged LAB	Crowley, A
EDSP468	Special Topics Seminar in Career/Vocational Education For the Handicapped; Grade Method: REG/AUD; Limited to special education majors and special education graduate students.	3 credits
0101	Time and room to be arranged	Kohl, F
EDSP470	Introduction to Special Education; Grade Method: REG/P-F/AUD; Not open to undergraduate special education majors.	3 credits
0101	M.....4:15pm- 7:00pm (EDU 2119)	Hebeler, J
0201	W.....7:00pm- 9:45pm (EDU 2119)	Simms, B
EDSP476	Communicating with Sign Language; Grade Method: REG/P-F/AUD; Prerequisite: EDSP 376 or consent of instructor.	3 credits
0101	TuTh.....5:45pm- 7:00pm (ARC 1106)	Aiello, E
EDSP481	Characteristics of Exceptional Children: Gifted and Talented; Grade Method: REG/AUD; Prerequisite: EDSP 470 or equivalent.	3 credits
0101	M.....7:00pm- 9:45pm (EDU 2119)	Simms, B
EDSP489	Field Experiences in Special Education; Grade Method: REG/P-F/AUD;	1-4 credits
0101	Time and room to be arranged	Crowley, A
EDSP492	Education of Learning Disabled Students; Grade Method: REG/P-F/AUD; Prerequisite: EDSP 491,or permission of department. Not open to undergraduate special education majors.	3 credits
0101	Tu.....4:15pm- 7:00pm (EDU 2101)	Hebeler, J
EDSP498	Special Problems in Special Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors.	1-6 credits
EDSP498B (PermReq)	Special Problems in Special Education: Career Development and Advisement; Grade Method: REG/P-F/AUD; Limited to special education and pre-special education majors.	1-6 credits
0101	F.....12:00pm- 2:00pm (EDU 1315)	Florian, L
EDSP600	Exceptional Children and Youth; Grade Method: REG/AUD; Prerequisite: 9 hours in special education and permission of department.	3 credits
0101	Tu.....7:00pm- 9:45pm (EDU 2101)	Harry, E
EDSP605	The Exceptional Child and Society; Grade Method: REG/AUD; Prerequisite: EDSP 600 or permission of department.	3 credits
0101	Th.....4:15pm- 7:00pm (EDU 0210)	Hebeler, J
EDSP620	Educational Diagnosis and Planning For Learning Disabled Students; Grade Method: REG/AUD; Prerequisites: [EDSP 491; and EDSP 615] or permission of department.	3 credits
0101	Th.....7:00pm- 9:45pm (EDU 1203)	Speece, D
EDSP621	Social and Academic Skill Development for Behaviorally Disordered Students; Grade Method: REG/AUD; Prerequisites: [EDSP 600; and EDSP 601] or permission of department.	3 credits
0101	M.....4:15pm- 7:00pm (EDU 2101)	STAFF
EDSP630	Problems in the Education of the Gifted; Grade Method: REG/AUD; Prerequisite: 9 hours in Special Education including EDSP 600 or permission of department.	3 credits
0101	W.....4:15pm- 7:00pm (EDU 1203)	Simms, B
EDSP635	Seminar: Behavioral Disorders; Grade Method: REG/AUD; Prerequisites: [EDSP 601; and EDSP 621] or permission of department.	3 credits
0101	W.....4:15pm- 7:00pm (JMZ 2102)	Leone, P
EDSP650	Seminar in Early Childhood Special Education; Grade Method: REG/AUD; Prerequisite: 9 hours in Special Education including EDSP 600 and EDSP 420, or permission of department.	3 credits
0101	W.....7:00pm- 9:45pm (EDU 0210)	Cooper, D
EDSP651	Program Planning and Instruction for Handicapped Infants and Children; Grade Method: REG/AUD; Pre- or corequisite: EDSP 430 or equivalent.	3 credits
0101	W.....4:15pm- 7:00pm (EDU 2203)	Beckman, P
EDSP655	Seminar in Secondary and Transition Special Education; Grade Method: REG/AUD; Prerequisite: EDSP 600 or permission of department.	3 credits
0101	Tu.....4:15pm- 7:00pm (EDU 1203)	Neubert, D
EDSP665	Working with Families of Handicapped Children and Youth; Grade Method: REG/AUD;	3 credits
0101	M.....7:00pm- 9:45pm (EDU 2203)	Beckman, P
EDSP678D	Seminar in Special Education: Single Subject Research Design with the Handicapped; Grade Method: REG/AUD;	3 credits
0101	W.....7:00pm- 9:45pm (EDU 0202)	STAFF
EDSP685	Policy Formulation and Persons with Disabilities; Grade Method: REG/AUD; Prerequisite: permission of department.	3 credits
0101	Tu.....4:15pm- 7:00pm (EDU 2203)	McLaughlin, M
EDSP798	Special Problems in Special Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors.	1-6 credits
EDSP799	Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors.	1-6 credits
EDSP888	Apprenticeship in Special Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors.	1-8 credits
EDSP889	Internship in Special Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors.	3-8 credits
EDSP899	Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors.	1-8 credits

---

ENAE Engineering, Aerospace (Engineering)

ENAE201	Introduction to Aerospace Engineering I; Grade Method: REG/P-F/AUD; Prerequisite: ENES 110.	2 credits
0101	Meets 01/22/90 - 03/29/90 MWF.....3:00pm- 3:50pm (EGR 1202)	Winblade, R
ENAE202	Introduction to Aerospace Engineering II; Grade Method: REG/P-F/AUD; Prerequisite: ENAE 201.	2 credits
0101	Meets 01/22/90 - 03/29/90 MWF.....4:00pm- 4:50pm (EGR 1104)	Yanta, W
0201	Meets 01/22/90 - 03/29/90 MWF.....4:00pm- 4:50pm (EGR 0135)	Winblade, R
ENAE305	Aerospace Laboratory I; Grade Method: REG/P-F/AUD; Prerequisite: PHYS 263;. Pre- or corequisites: ENAE 345; and ENAE 451; and ENAE 371.	3 credits
0101	MW.....1:00pm- 1:50pm (JMP 3201) M.....2:00pm- 5:00pm (EGL 0121) LAB	Winkelmann, A
0102	MW.....1:00pm- 1:50pm (JMP 3201) Tu.....2:00pm- 5:00pm (EGL 0121) LAB	Winkelmann, A
0103	MW.....1:00pm- 1:50pm (JMP 3201) W.....2:00pm- 5:00pm (EGL 0121) LAB	Winkelmann, A
0104	MW.....1:00pm- 1:50pm (JMP 3201) Th.....2:00pm- 5:00pm (EGL 0121) LAB	Winkelmann, A
0105	MW.....1:00pm- 1:50pm (JMP 3201) F.....2:00pm- 5:00pm (EGL 0121) LAB	Winkelmann, A
ENAE345	Flight Dynamics; Grade Method: REG/P-F/AUD; Prerequisites: ENES 221; and MATH 246.	3 credits
0101	TuTh.....8:00am- 9:15am (CHE 2108)	Regan, F
0201	TuTh.....8:00am- 9:15am (CHE 2145)	Marks, C
ENAE355	Aircraft Vibrations; Grade Method: REG/P-F/AUD; Prerequisite: ENAE 345 or equivalent.	3 credits
0101	MWF.....11:00am-11:50am (JMP 3201)	Donaldson, B
ENAE371	Aerodynamics I; Grade Method: REG/P-F/AUD; Prerequisites: ENAE 202; and PHYS 262; and MATH 241. Corequisite: MATH 246.	3 credits
0101	TuTh.....11:00am-12:15pm (EGR 1106)	Jones, E
0201	TuTh.....11:00am-12:15pm (CHE 2140)	Russell, H
ENAE398 (PermReq)	Honors Research Project; Grade Method: REG/P-F;	3 credits
0101	Time and room to be arranged	Barlow, J
ENAE402	Aerospace Laboratory III; Grade Method: REG/P-F/AUD; Prerequisites: ENAE 305; and ENAE 345. Corequisites: ENAE 452; and ENAE 471; and ENAE 475.	1 credit
0101	M.....8:00am- 8:50am (CHE 2108) M.....2:00pm- 5:00pm (EGL 0121) LAB	Winkelmann, A
0102	M.....8:00am- 8:50am (CHE 2108) Tu.....2:00pm- 5:00pm (EGL 0121) LAB	Winkelmann, A
0103	M.....8:00am- 8:50am (CHE 2108) W.....2:00pm- 5:00pm (EGL 0121) LAB	Winkelmann, A
0104	M.....8:00am- 8:50am (CHE 2108) Th.....2:00pm- 5:00pm (EGL 0121) LAB	Winkelmann, A
0105	M.....8:00am- 8:50am (CHE 2108) F.....2:00pm- 5:00pm (EGL 0121) LAB	Winkelmann, A
ENAE411	Aircraft Design; Grade Method: REG/P-F/AUD; Prerequisites: ENAE 345; and ENAE 451; and ENAE 371.	3 credits
0101	Th.....6:00pm- 8:30pm (CHM 0128)	Obrinski, F
ENAE412	Design of Aerospace Vehicles; Grade Method: REG/P-F/AUD; Prerequisites: ENAE 345; and ENAE 371.	3 credits
0101	TuTh.....11:00am-12:15pm (EGR 0108)	Lewis, M
ENAE415	Computer-Aided Structural Design Analysis; Grade Method: REG/P-F/AUD; Prerequisite: ENAE 452 or permission of both department and instructor.	3 credits
0101	M.....4:00pm- 6:30pm (CHM 0119)	Chander, S
ENAE451	Flight Structures I: Introduction to Solid Mechanics; Grade Method: REG/P-F/AUD; Prerequisite: ENES 220.	4 credits
0101	MWF.....9:00am- 9:50am (EGR 3106) M.....2:00pm- 5:00pm (CHM 0115) LAB	Donaldson, B
ENAE452	Flight Structures II: Structural Elements; Grade Method: REG/P-F/AUD; Prerequisite: ENAE 451.	3 credits
0101	MWF.....9:00am- 9:50am (CHE 2108)	Vizzini, T
ENAE462	Flight Propulsion II; Grade Method: REG/P-F/AUD; Prerequisite: ENAE 461.	3 credits
0101	TuTh.....9:30am-10:45am (EGR 1202)	Lewis, M
ENAE471	Aerodynamics II; Grade Method: REG/P-F/AUD; Prerequisites: ENAE 371; and ENME 217.	3 credits
0101	TuTh.....9:30am-10:45am (HBK 0117)	Anderson, J
ENAE473	Aerodynamics of High-Speed Flight; Grade Method: REG/P-F/AUD; Prerequisite: ENAE 471 or equivalent.	3 credits
0101	MW.....5:00pm- 6:15pm (CHE 2140)	Van Wie, D
ENAE475	Viscous Flow and Aerodynamic Heating; Grade Method: REG/P-F/AUD; Prerequisites: ENAE 371; and ENAE 471; and ENME 217.	3 credits
0101	MWF.....10:00am-10:50am (CHM 0119)	Jones, E
ENAE488J	Topics in Aerospace Engineering: Helicopter Theory I; Grade Method: REG/P-F/AUD;	3 credits
0101	MW.....2:00pm- 3:15pm (EGR 3102)	Gessow, A
ENAE488W (PermReq)	Topics in Aerospace Engineering: Introduction to the Design of Remotely Piloted Vehicles; Grade Method: REG/P-F/AUD;	3 credits
0101	MWF.....11:00am-11:50am (EGR 2112)	Winkelmann, A
ENAE499 (PermReq)	Elective Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.	1-3 credits
ENAE632	Helicopter Aerodynamics II; Grade Method: REG/AUD; Prerequisites: [ENAE 631; and ENAE 371 or equivalent] or permission of both department and instructor.	3 credits
0101	TuTh.....11:00am-12:15pm (EGR 1124)	Leishman, G
ENAE633	Helicopter Dynamics; Grade Method: REG/AUD; Prerequisite: ENAE 631 or permission of both department and instructor.	3 credits
0101	TuTh.....9:30am-10:45am (EGR 1110)	Chopra, I
ENAE634	Helicopter Design; Grade Method: REG/AUD; Prerequisite: ENAE 631 or permission of both department and instructor.	3 credits
0101	MW.....9:00am-10:15am (EGR 3102)	Gessow, A
ENAE635	Helicopter Stability and Control; Grade Method: REG/AUD; Prerequisite: ENAE 631 or permission of both department and instructor.	3 credits
0101	MW.....10:30am-11:45am (EGR 2102)	Celi, R
ENAE641	Flight Mechanics II; Grade Method: REG/AUD; Prerequisite: ENAE 640 or permission of both department and instructor.	3 credits
0101	TuTh.....2:00pm- 3:15pm (EGR 1124)	Barlow, J
ENAE652	Finite Element Method in Engineering; Grade Method: REG/AUD; Prerequisite: ENAE 650 or permission of both department and instructor.	3 credits
0101	MW.....9:00am-10:15am (EGR 1102)	Lee, S
ENAE657	Theory of Structural Stability; Grade Method: REG/AUD; Prerequisite: ENAE 452 or equivalent.	3 credits
0101	MW.....3:00pm- 4:15pm (EGR 3111)	Lee, S
ENAE672	Aerodynamics of Incompressible Fluids; Grade Method: REG/AUD; Prerequisite: MATH 463 or permission of instructor.	3 credits
0101	MW.....4:00pm- 5:15pm (EGR 3114)	Chien, K
ENAE674	Aerodynamics of Compressible Fluids II; Grade Method: REG/AUD; Prerequisite: ENAE 673.	3 credits
0101	TuTh.....8:00am- 9:15am (EGR 1124)	Vamos, J
ENAE676	Aerodynamics of Viscous Fluids II; Grade Method: REG/AUD; Prerequisite: ENAE 675.	3 credits
0101	MW.....2:00pm- 3:15pm (EGR 1110)	Jones, E
ENAE788D	Selected Topics in Aerospace Engineering: High Temperature Gasdynamics; Grade Method: REG/AUD;	3 credits
0101	TuTh.....3:30pm- 4:45pm (ITV 1111)	Anderson, J
ENAE788F	Selected Topics in Aerospace Engineering: Computational Fluid Dynamics II; Grade Method: REG/AUD;	3 credits
0101	MW.....6:30pm- 7:45pm (EGR 1124)	Lekoudis, S
ENAE799	Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.	1-6 credits
ENAE899	Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.	1-8 credits

---

ENAG Engineering Agricultural (Agriculture)

ENAG315	Energy: Its Effects On Agriculture and Food; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement;	3 credits
0101	MWF.....9:00am- 9:50am (HJP 0226)	Gird, J
ENAG414	Mechanics of Food Processing; Grade Method: REG/P-F/AUD; Prerequisite: PHYS 121.	4 credits
0101	MW.....6:30pm- 8:30pm (SHR 0106)	Hsieh, R
ENAG424	Functional and Environmental Design of Agricultural Structures; Grade Method: REG/P-F/AUD; Prerequisite: ENAG 454.	3 credits
0101	MW.....1:00pm- 1:50pm (SHR 1105) F.....1:00pm- 3:00pm (SHR 1105) LAB	Stewart, L
ENAG444	Functional Design of Machinery and Equipment; Grade Method: REG/P-F/AUD; Prerequisite: ENES 221. Senior standing.	3 credits
0101	WF.....11:00am-11:50am (SHR 1105) W.....2:00pm- 4:00pm (SHR 1105) LAB	Smith, G
ENAG454	Biological Process Engineering; Grade Method: REG/P-F/AUD; Prerequisite: ENME 342 or ENCE 330.	4 credits
0101	TuTh.....2:00pm- 3:15pm (SHR 1105) Th.....3:30pm- 4:20pm (SHR 1105) LAB	Johnson, A
ENAG489 (PermReq)	Special Problems in Agricultural Engineering; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.	1-3 credits
ENAG489A (PermReq)	Special Problems in Agricultural Engineering: Shop Laboratory Safety; Grade Method: REG/P-F/AUD;	1 credit
0101	TBA (SHR 0108)	Grant, L
ENAG489B (PermReq)	Special Problems in Agricultural Engineering: Creative Design with CAD/CAM; Grade Method: REG/P-F/AUD;	3 credits
0101	TuTh.....9:30am-10:30am (SHR 1109) Th.....3:00pm- 6:00pm (SHR 1109) LAB	Smith, G
ENAG499 (PermReq)	Special Problems in Agricultural Engineering Technology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.	1-3 credits
ENAG688 (PermReq)	Advanced Topics in Agricultural Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.	1-4 credits
ENAG688L (PermReq)	Advanced Topics in Agricultural Engineering: Aquatic Systems Design: Environmental Requirements; Grade Method: REG/AUD;	1 credit
0101	TBA (SHR 1112)	Wheaton, F
ENAG688T (PermReq)	Advanced Topics in Agricultural Engineering: Technique for Teaching Agricultural Engineering; Grade Method: REG/AUD;	1 credit
0101	TBA (SHR 1112)	Johnson, A
ENAG698	Seminar; Grade Method: REG/AUD;	1 credit
0101	M.....4:00pm- 4:50pm (SHR 0106)	Stewart, L
ENAG699 (PermReq)	Special Problems in Agricultural and Aquacultural Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.	1-6 credits
ENAG799	Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.	1-6 credits
ENAG899	Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.	1-8 credits

---

ENCE Engineering, Civil (Engineering)

ENCE221 (PermReq)	Introduction to Environmental Engineering; Grade Method: REG/P-F/AUD; Prerequisites: CHEM 103; and PHYS 161.	3 credits
0201	TuTh.....12:30pm- 1:45pm (ITV 1111)	STAFF
ENCE280 (PermReq)	Engineering Survey Measurements; Grade Method: REG/P-F/AUD; Prerequisite: MATH 141.	3 credits
0101	TuTh.....11:00am-12:15pm (EGR 2154) Tu.....2:00pm- 5:00pm (EGR 2102) LAB	STAFF
0102	TuTh.....11:00am-12:15pm (EGR 2154) Th.....2:00pm- 5:00pm (EGR 2102) LAB	STAFF
ENCE300 (PermReq)	Fundamentals of Engineering Materials; Grade Method: REG/P-F/AUD; Pre- or corequisite: ENES 220.	3 credits
0101	TuTh.....1:00pm- 1:50pm (EGR 1104) Th.....2:00pm- 5:00pm (EGL 0106A) LAB	STAFF
0102	TuTh.....1:00pm- 1:50pm (EGR 1104) W.....2:00pm- 5:00pm (EGL 0106A) LAB	STAFF
0103	TuTh.....1:00pm- 1:50pm (EGR 1104) Tu.....2:00pm- 5:00pm (EGL 0106A) LAB	STAFF
ENCE330 (PermReq)	Basic Fluid Mechanics; Grade Method: REG/P-F/AUD; Prerequisites: ENES 220; and ENES 221; and PHYS 262.	3 credits
0101	MWF.....10:00am-10:50am (EGR 1108)	STAFF
0201	MWF.....10:00am-10:50am (EGR 1106)	STAFF
ENCE340 (PermReq)	Fundamentals of Soil Mechanics; Grade Method: REG/P-F/AUD; Prerequisite: ENES 220. Corequisite: ENCE 300.	3 credits
0101	MWF.....9:00am- 9:50am (EGR 1108)	STAFF
ENCE350 (PermReq)	Structural Analysis and Design I; Grade Method: REG/P-F/AUD; Prerequisite: ENES 220. Corequisite: ENCE 300.	3 credits
0101	TuTh.....9:30am-10:45am (EGR 1108)	STAFF
0201	TuTh.....8:00am- 9:15am (EGR 1106)	STAFF
ENCE351 (PermReq)	Structural Analysis and Design II; Grade Method: REG/P-F/AUD; Prerequisites: ENCE 300; and ENCE 350.	3 credits
0101	TuTh.....11:00am-12:15pm (EGR 1108)	STAFF
0201	TuTh.....11:00am-12:15pm (EGR 3106)	STAFF
ENCE360 (PermReq)	Engineering Analysis and Computer Programming; Grade Method: REG/P-F/AUD; Prerequisite: MATH 241.	4 credits
0101	TuTh.....8:00am- 9:15am (CHE 2110) M.....2:00pm- 5:00pm (EGR 1108) LAB	STAFF
0102	TuTh.....8:00am- 9:15am (CHE 2110) Tu.....2:00pm- 5:00pm (EGR 1120) LAB	STAFF
ENCE370 (PermReq)	Fundamentals of Transportation Engineering; Grade Method: REG/P-F/AUD; Prerequisite: ENCE 280.	3 credits
0201	MWF.....11:00am-11:50am (EGR 0110)	STAFF
ENCE420 (PermReq)	Construction Equipment and Methods; Grade Method: REG/P-F/AUD;	3 credits
0101	TuTh.....3:30pm- 4:45pm (EGR 1108)	STAFF
ENCE421 (PermReq)	Construction Engineering and Management; Grade Method: REG/P-F/AUD;	3 credits
0101	MWF.....11:00am-11:50am (EGR 3110)	McCahill, D
ENCE430 (PermReq)	Hydraulic Engineering and Open Channel Flow; Grade Method: REG/AUD; Prerequisite: ENCE 330.	4 credits
0101	MWF.....11:00am-11:50am (EGR 1120) W.....2:00pm- 5:00pm (CHM 0119) LAB	Ragan, R
ENCE431 (PermReq)	Surface Water Hydrology; Grade Method: REG/P-F/AUD; Prerequisite: ENCE 330.	3 credits
0101	MWF.....9:00am- 9:50am (EGR 1106)	McCuen, R
ENCE441 (PermReq)	Soil-Foundation Systems; Grade Method: REG/P-F/AUD; Prerequisite: ENCE 340.	3 credits
0101	TuTh.....12:30pm- 1:45pm (EGR 1108)	Aggour, M
ENCE442 (PermReq)	Highway and Airfield Pavement Design; Grade Method: REG/P-F/AUD; Prerequisite: ENCE 340.	3 credits
0101	TuTh.....11:00am-12:15pm (EGR 1120)	Witczak, M
ENCE450 (PermReq)	Design of Steel Structures; Grade Method: REG/P-F/AUD; Pre- or corequisites: ENCE 360; and ENCE 351.	3 credits
0101	TuTh.....9:30am-10:45am (EGR 1106)	Albrecht, P
ENCE451	Design of Concrete Structures; Grade	4 credits

(PermReq) Method: REG/P-F/AUD; Prerequisite: ENCE 351. Pre- or corequisite: ENCE 360.
0101 MWF.....12:00pm-12:50pm (EGR 1106) Colville, J
W.....2:00pm- 5:00pm (EGR 1108) LAB

ENCE460 Modern Techniques For Structural Analysis; 3 credits
(PermReq) Grade Method: REG/P-F/AUD; Prerequisite: ENCE 360. Pre- or corequisite: ENCE 351.
0101 MW.....9:00am- 9:50am (EGR 1120) Chang, P
M.....2:00pm- 4:30pm (EGR 0108) LAB

ENCE463 Engineering Economics and System Analysis; 3 credits
(PermReq) Grade Method: REG/P-F/AUD; Prerequisite: permission of department.
0101 Tu.....6:15pm- 9:00pm (EGR 1120) STAFF

ENCE473 Air and Water Transportation Engineering; 3 credits
(PermReq) Grade Method: REG/P-F/AUD; Prerequisite: ENCE 370.
0101 MWF.....1:00pm- 1:50pm (EGR 1108) Carter, E

ENCE474 Railroad Mass Transportation Engineering; 3 credits
(PermReq) Grade Method: REG/P-F/AUD; Prerequisite: ENCE 370.
0101 TuTh.....2:00pm- 3:15pm (EGR 0108) Schonfeld, P

ENCE489 Special Problems; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

ENCE489K Special Problems: Ethics in Engineering 3 credits
(PermReq) Practice; Grade Method: REG/AUD; Limited to advanced students; approval of instructor necessary.
0101 MWF.....8:00am- 8:50am (EGR 2102) McCuen, R

ENCE489W Special Problems: Water Supply and 3 credits
(PermReq) Treatment; Grade Method: REG/P-F/AUD;
0101 TuTh.....12:30pm- 1:45pm (EGR 1120) Hao, O

ENCE633 The Chemistry of Natural Waters; Grade 3 credits
Method: REG/AUD; Prerequisite: ENCE 433 or permission of both department and instructor.
0101 TuTh.....2:00pm- 3:15pm (EGR 2154) Birkner, F

ENCE641 Advanced Foundations; Grade Method: 3 credits
REG/AUD; Prerequisite: ENCE 340 or equivalent.
0101 TuTh.....9:30am-10:45am (EGR 0104) Aggour, M

ENCE643 Stability of Earth Structures; Grade 3 credits
Method: REG/AUD; Prerequisite: ENCE 340 or equivalent.
0101 TuTh.....2:00pm- 3:15pm (CHM 0128) Goodings, D

ENCE656 Advanced Steel Design; Grade Method: 3 credits
REG/AUD; Prerequisites: ENCE 450; and ENCE 451 or equivalent.
0101 TuTh.....8:00am- 9:15am (EGR 1120) Albrecht, P

ENCE661 Finite Element Techniques in Engineering 3 credits
Analysis; Grade Method: REG/AUD; Prerequisite: permission of both department and instructor.
0101 TuTh.....2:00pm- 3:15pm (EGR 1126) Wolde-Tinsae, A

ENCE665 Project Planning and Resource Allocation; 3 credits
(PermReq) Grade Method: REG/AUD;
0101 TuTh.....5:00pm- 6:15pm (EGR 1102) Pilcher, R

ENCE667 Construction Operations and Improvement; 3 credits
Grade Method: REG/AUD;
0101 TuTh.....3:30pm- 4:45pm (EGR 3110) Kartam, N

ENCE671 Highway Traffic Operations; Grade Method: 3 credits
REG/AUD; Prerequisites: [ENCE 470; and ENCE 670] or permission of both department and instructor.
0101 MW.....3:30pm- 4:45pm (EGR 1106) Carter, E

ENCE673 Urban Transportation; Grade Method: 3 credits
REG/AUD;
0101 Th.....5:00pm- 7:45pm (EGR 0135) Chang, G

ENCE674 Urban Transit Planning and Rail 3 credits
Transportation Engineering; Grade Method: REG/AUD; Prerequisite: ENCE 471 or permission of both department and instructor.
0101 Tu.....5:00pm- 7:45pm (EGR 3108) Schonfeld, P

ENCE688 Advanced Topics in Civil Engineering; 1-3 credits
Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

ENCE688B Advanced Topics in Civil Engineering: 3 credits
Advanced Soil Mechanics II; Grade Method: REG/AUD;
0101 MW.....10:00am-11:15am (EGR 0104) Schwartz, C

ENCE688I Advanced Topics in Civil Engineering: 3 credits
Dynamics of Structures; Grade Method: REG/AUD;
0101 TuTh.....5:00pm- 6:15pm (EGR 1106) Chang, P

ENCE688J Advanced Topics in Civil Engineering: 3 credits
Quantitative Methods in Construction Management; Grade Method: REG/AUD;
0101 MW.....3:30pm- 4:45pm (EGR 3110) Bernold, L

ENCE688K Advanced Topics in Civil Engineering: Risk 3 credits
Analysis; Grade Method: REG/AUD;
0101 MW.....8:00am- 9:15am (EGR 0108) Ayyub, B

ENCE688S Advanced Topics in Civil Engineering: Cost 3 credits
Engineering and Control; Grade Method: REG/AUD;
0101 MW.....5:00pm- 6:15pm (EGR 1126) Bernold, L

ENCE688U Advanced Topics in Civil Engineering: 3 credits
Management of Hazardous Wastes; Grade Method: REG/AUD;
0101 MWF.....8:00am- 8:50am (EGR 1120) Sternberg, Y

ENCE688V Advanced Topics in Civil Engineering: 3 credits
Computer Methods in Structural Analysis; Grade Method: REG/AUD;
0101 TuTh.....3:30pm- 4:45pm (EGR 1102) Austin, M

ENCE688Y Advanced Topics in Civil Engineering: 3 credits
Environmental Engineering Laboratory Studies; Grade Method: REG/AUD;
0101 M.....3:00pm- 7:00pm (EGR 2102) Hao, O

ENCE689 Seminar; Grade Method: REG/AUD; Individual 1-16 credits
Instruction course: contact department or instructor to obtain section number.

ENCE730 Environmental and Water Resource Systems 3 credits
II; Grade Method: REG/AUD; Prerequisite: ENCE 630 or permission of both department and instructor.
0101 MWF.....10:00am-10:50am (EGR 1124) McCuen, R

ENCE736 Theory of Aqueous and Solid Waste 3 credits
Treatment and Disposal; Grade Method: REG/AUD; Prerequisites: ENCE 221 and fundamentals of microbiology; or permission of both department and instructor.
0101 TuTh.....11:00am-12:15pm (EGR 1110) Hao, O

ENCE737 Industrial Wastes; Grade Method: REG; 3 credits
Corequisite: ENCE 736 or equivalent.
0101 TuTh.....3:30pm- 4:45pm (EGR 1124) STAFF

ENCE742 Site Investigation; Grade Method: REG/AUD; 3 credits
Prerequisite: ENCE 340 or equivalent or permission of both department and instructor.
0101 Tu.....5:00pm- 8:00pm (EGR 1110) Rib, H

ENCE751 Advanced Problems in Structural Behavior; 3 credits
Grade Method: REG/AUD; Prerequisite: ENCE 750 or equivalent.
0101 MW.....5:00pm- 6:15pm (EGR 1110) Schelling, D

ENCE799 Master's Thesis Research; Grade Method: 1-6 credits
REG; Individual Instruction course: contact department or instructor to obtain section number.

ENCE899 Doctoral Dissertation Research; Grade 1-8 credits
Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

ENCH Engineering, Chemical (Engineering)

ENCH280 Transport Processes I: Fluid Mechanics; 2 credits
(PermReq) Grade Method: REG/P-F/AUD; Pre- or corequisite: MATH 246.
0101 MWF.....8:00am- 8:50am (CHE 2110) Calabrese, R

ENCH333 Chemical Engineering Seminar; Grade 1 credit
(PermReq) Method: REG/P-F/AUD; Senior standing.
0101 W.....10:00am-10:50am (CHE 2136) Calabrese, R

ENCH427 Transport Processes III: Mass Transfer; 3 credits
(PermReq) Grade Method: REG/P-F/AUD; Prerequisite: ENCH 425.
0101 MWF.....10:00am-10:50am (CHE 2108) Asbjornsen, O

ENCH440 Chemical Engineering Kinetics; Grade 3 credits
(PermReq) Method: REG/P-F/AUD; Prerequisites: ENCH 300; and ENCH 425; and CHEM 481.
0101 MWF.....11:00am-11:50am (CHE 2108) Gasner, L

ENCH442 Chemical Engineering Systems Analysis; 3 credits
(PermReq) Grade Method: REG/P-F/AUD; Prerequisites: ENCH 300; and ENCH 425.
0101 TuTh.....11:00am-12:15pm (ITV 1111) Weigand, W
Th.....1:00pm- 4:00pm (CHE 2145) LAB
0102 TuTh.....11:00am-12:15pm (ITV 1111) Weigand, W
Tu.....1:00pm- 4:00pm (CHE 2116) LAB
0103 TuTh.....11:00am-12:15pm (ITV 1111) Weigand, W
TBA (CHE 1203) LAB

ENCH446 Process Engineering Economics and Design 3 credits
(PermReq) II; Grade Method: REG/P-F/AUD; Prerequisite: ENCH 444. Not open to students who have completed ENCH 445.
0101 MWF.....1:00pm- 1:50pm (CHE 2136) Gasner, L
0201 MWF.....2:00pm- 2:50pm (CHE 2136) Gasner, L

ENCH453 Applied Mathematics in Chemical 3 credits
(PermReq) Engineering; Grade Method: REG/P-F/AUD; Prerequisite: ENCH 427.
0101 MWF.....9:00am- 9:50am (CHE 2145) Gentry, J

ENCH454 Chemical Process Analysis and 3 credits
(PermReq) Optimization; Grade Method: REG/P-F/AUD; Prerequisites: ENCH 427; and ENCH 440.
0101 MWF.....2:00pm- 2:50pm (CHE 2108) Mavrovouniotis,

ENCH468 Research; Grade Method: REG/P-F/AUD; 1-3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number.

ENCH485 Biochemical Engineering Laboratory; Grade 2 credits
(PermReq) Method: REG/P-F/AUD; Pre- or corequisite: ENCH 482.
0101 MWF.....3:00pm- 3:50pm (CHE 2145) Wang, N
0102 Time and room to be arranged Wang, N

ENCH494 Polymer Technology Laboratory; Grade 3 credits
(PermReq) Method: REG/P-F/AUD; Prerequisite: ENCH 490 or ENCH 492.
0101 TuTh.....1:00pm- 5:00pm (CHE 1138) LAB Smith, T

ENCH496 Processing of Polymer Materials; Grade 3 credits
(PermReq) Method: REG/P-F/AUD; Prerequisite: ENCH 490 or ENCH 492. Credit will be granted for only one of the following: ENCH 496 or ENMA 496.
0101 TuTh.....9:30am-10:45am (CHE 2145) Smith, T

ENCH609 Graduate Seminar; Grade Method: REG/AUD; 1 credit
(PermReq) Advanced special students require department permission.
0101 Tu.....2:00pm- 3:00pm (CHE 2117) Gentry, J

ENCH610 Chemical Engineering Thermodynamics; Grade 3 credits
(PermReq) Method: REG/AUD; Advanced special students require department authorization.
0101 MW.....3:30pm- 5:00pm (CHE 2120) Sengers, J

ENCH640 Advanced Chemical Reaction Kinetics; Grade 3 credits
(PermReq) Method: REG/AUD;
0101 MW.....5:00pm- 6:30pm (CHE 2136) Choi, K

ENCH648 Special Problems in Chemical Engineering; 1-16 credits

(PermReq) Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

ENCH648A Special Problems in Chemical Engineering: 3 credits
(PermReq) Model Based Process Control; Grade Method: REG/AUD;
0101 TuTh.....4:00pm- 5:30pm (CHE 2116) Zafiriou, E

ENCH762 Advanced Biochemical Engineering; Grade 3 credits
(PermReq) Method: REG/AUD; Prerequisite: ENCH 482 or permission of both department and instructor.
0101 TuTh.....5:30pm- 7:00pm (CHE 2118) Bentley, W

ENCH799 Master's Thesis Research; Grade Method: 1-6 credits
REG; Individual Instruction course: contact department or instructor to obtain section number.

ENCH899 Doctoral Dissertation Research: Chemical 1-8 credits
Engineering; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

ENCO Engineering, Cooperative Education (Engineering)

ENCO098 Co-Op Work Experience; Grade Method: S-F; No credit
(PermReq)
0101 Time and room to be arranged Sauber, H

ENCO099 Co-Op Work Experience; Grade Method: S-F; No credit
(PermReq)
0101 Time and room to be arranged Sauber, H

ENEE Engineering, Electrical (Engineering)

ENEE204 Systems and Circuits I; Grade Method: REG; 3 credits
(PermReq) Prerequisite: MATH 141. Engineering College (04) only.
0101 TuTh.....9:30am-10:45am (ARM 0135) STAFF
M.....1:00pm- 1:50pm (EGR 1120) DIS
0102 TuTh.....9:30am-10:45am (ARM 0135) STAFF
Tu.....8:00am- 8:50am (EGR 3110) DIS
0103 TuTh.....9:30am-10:45am (ARM 0135) STAFF
Tu.....12:00pm-12:50pm (EGR 3110) DIS
0105 TuTh.....9:30am-10:45am (ARM 0135) STAFF
W.....12:00pm-12:50pm (EGR 1120) DIS
0106 TuTh.....9:30am-10:45am (ARM 0135) STAFF
W.....2:00pm- 2:50pm (EGR 0108) DIS
0107 TuTh.....9:30am-10:45am (ARM 0135) STAFF
Th.....8:00am- 8:50am (EGR 3114) DIS

ENEE244 Digital Logic Design; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Prerequisite: ENES 240. Engineering College (04) only.
0101 TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
M.....8:00am- 8:50am (CHE 2140) DIS
0102 TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
M.....12:00pm-12:50pm (EGR 1120) DIS
0103 TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
M.....2:00pm- 2:50pm (EGR 1102) DIS
0104 TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
Tu.....9:00am- 9:50am (EGR 3110) DIS
0105 TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
Tu.....2:00pm- 2:50pm (CHE 2118) DIS
0106 TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
Th.....2:00pm- 2:50pm (EGR 1120) DIS
0107 TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
F.....9:00am- 9:50am (CHE 2116) DIS
0108 TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
Th.....9:00am- 9:50am (EGR 3111) DIS

ENEE300 Principles of Electrical Engineering; 3 credits
(PermReq) Grade Method: REG; Prerequisites: MATH 241, PHYS 263. Corequisite: ENEE 301. Required of aerospace, mechanical and chemical engineers. Not applicable in the electrical engineering major program. Acceptable as prerequisite for some advanced ENEE courses. Engineering College only. (04).
0101 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
Tu.....1:00pm- 1:50pm (EGR 3102) DIS
0102 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
Th.....1:00pm- 1:50pm (CHM 2201) DIS
0105 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
F.....8:00am- 8:50am (CHE 2118) DIS
0106 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
W.....8:00am- 8:50am (CHE 2118) DIS
0107 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
F.....9:00am- 9:50am (EGR 1120) DIS
0108 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
W.....9:00am- 9:50am (CHM 0122) DIS
0109 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
F.....2:00pm- 2:50pm (EGR 3114) DIS
0110 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
W.....2:00pm- 2:50pm (EGR 1126) DIS

ENEE301 Electrical Engineering Laboratory; Grade 1 credit
(PermReq) Method: REG; Corequisite: ENEE 300. Engineering College (04) only.
0101 F.....8:00am- 8:50am (CHE 2110) STAFF
Tu.....1:00pm- 3:00pm (EGL 0124) LAB
0102 F.....8:00am- 8:50am (CHE 2110) STAFF
W.....1:00pm- 3:00pm (EGL 0124) LAB
0103 F.....8:00am- 8:50am (CHE 2110) STAFF
Th.....1:00pm- 3:00pm (EGL 0124) LAB
0104 F.....8:00am- 8:50am (CHE 2110) STAFF
F.....1:00pm- 3:00pm (EGL 0124) LAB
0105 F.....8:00am- 8:50am (CHE 2110) STAFF
Tu.....10:00am-12:00pm (EGL 0124) LAB
0106 F.....8:00am- 8:50am (CHE 2110) STAFF
Th.....10:00am-12:00pm (EGL 0124) LAB

All lower-division CHEM, MATH, PHYS, and engineering courses that are required courses for the BS degree in Electrical Engineering must be completed before enrolling in any 300- or 400-level course (except ENEE 300 and ENEE 301). Transfer students will be allowed one semester to complete all such courses after starting to take upper-level ENEE courses.

ENEE304 Systems and Circuits II; Grade Method: 3 credits
(PermReq) REG; Pre-or Corequisite: MATH 246. Prerequisite: ENEE 204 and completion of all lower-division technical courses in the EE curriculum. See above note. Prerequisite; ENEE 204; corequisite: MATH 246. ENEE majors (09090) only.
0101 MWF.....9:00am- 9:50am (CHM 0119) STAFF
Tu.....1:00pm- 1:50pm (CHM 0122) DIS
0102 MWF.....9:00am- 9:50am (CHM 0119) STAFF
Tu.....2:00pm- 2:50pm (ARM 0120) DIS
0201 MWF.....9:00am- 9:50am (ARM 0110) STAFF
Th.....1:00pm- 1:50pm (EGR 1102) DIS
0202 MWF.....9:00am- 9:50am (ARM 0110) STAFF
Th.....2:00pm- 2:50pm (EGR 1110) DIS
0301 MWF.....9:00am- 9:50am (CHM 0127) STAFF
Tu.....10:00am-10:50am (EGR 3110) DIS
0302 MWF.....9:00am- 9:50am (CHM 0127) STAFF
Tu.....11:00am-11:50am (EGR 3110) DIS

ENEE305 Fundamental Laboratory; Grade Method: REG; 2 credits
(PermReq) Prerequisite: ENEE 204 and completion of all lower-division technical courses in the EE curriculum. See above note. This course is prerequisite to all ENEE 400-level laboratory courses. ENEE majors(09090) only.
0101 F.....12:00pm-12:50pm (EGR 1202) STAFF
M.....12:30pm- 3:30pm (EGL 0132A) LAB
0102 F.....12:00pm-12:50pm (EGR 1202) STAFF
Tu.....8:00am-11:00am (EGL 0132A) LAB
0103 F.....12:00pm-12:50pm (EGR 1202) STAFF
Tu.....12:00pm- 3:00pm (EGL 0132A) LAB
0104 F.....12:00pm-12:50pm (EGR 1202) STAFF
Th.....8:00am-11:00am (EGL 0132A) LAB
0106 F.....12:00pm-12:50pm (EGR 1202) STAFF
W.....12:30pm- 3:30pm (EGL 0132A) LAB
0107 F.....12:00pm-12:50pm (EGR 1202) STAFF
F.....1:00pm- 4:00pm (EGL 0132A) LAB
0108 F.....12:00pm-12:50pm (EGR 1202) STAFF
F.....8:00am-11:00am (EGL 0132A) LAB
0109 F.....12:00pm-12:50pm (EGR 1202) STAFF
Th.....3:30pm- 6:30pm (EGL 0132A) LAB

ENEE314 Electronic Circuits; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Prerequisite: ENEE 304 and completion of all lower-division technical courses in the EE curriculum. See above note. Prerequisite: ENEE 304. ENEE majors (09090) only.
0101 TuTh.....3:30pm- 4:45pm (CHM 0119) STAFF
M.....1:00pm- 1:50pm (EGR 1102) DIS
0102 TuTh.....3:30pm- 4:45pm (CHM 0119) STAFF
M.....2:00pm- 2:50pm (EGR 3108) DIS
0201 TuTh.....3:30pm- 4:45pm (CHM 0128) STAFF
W.....1:00pm- 1:50pm (EGR 3108) DIS
0202 TuTh.....3:30pm- 4:45pm (CHM 0128) STAFF
W.....2:00pm- 2:50pm (EGR 3108) DIS
0301 TuTh.....3:30pm- 4:45pm (CHM 0127) STAFF
W.....11:00am-11:50am (EGR 1102) DIS
0302 TuTh.....3:30pm- 4:45pm (CHM 0127) STAFF
W.....12:00pm-12:50pm (EGR 1110) DIS

ENEE322 Signal and System Theory; Grade Method: 3 credits
(PermReq) REG; Prerequisites: ENEE 204 and MATH 246 and completion of all lower-division technical courses in the curriculum. See above note. ENEE majors (09090) only.
0101 MWF.....1:00pm- 1:50pm (CHM 0115) STAFF
Tu.....9:00am- 9:50am (EGR 3111) DIS
0102 MWF.....1:00pm- 1:50pm (CHM 0115) STAFF
Tu.....10:00am-10:50am (CHE 2118) DIS
0201 MWF.....1:00pm- 1:50pm (EGR 1202) STAFF
Th.....9:00am- 9:50am (EGR 3110) DIS
0202 MWF.....1:00pm- 1:50pm (EGR 1202) STAFF
Th.....10:00am-10:50am (EGR 3111) DIS
0301 MWF.....1:00pm- 1:50pm (ARM 0110) STAFF
Tu.....11:00am-11:50am (EGR 3114) DIS
0302 MWF.....1:00pm- 1:50pm (ARM 0110) STAFF
Tu.....12:00pm-12:50pm (EGR 3114) DIS

ENEE324 Engineering Probability; Grade Method: 3 credits
(PermReq) REG; Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EEcurriculum. See above note. ENEE majors (09090) only.
0101 TuTh.....12:30pm- 1:45pm (CHM 0128) STAFF
M.....9:00am- 9:50am (EGR 1124) DIS
0102 TuTh.....12:30pm- 1:45pm (CHM 0128) STAFF
M.....10:00am-10:50am (EGR 3114) DIS
0201 TuTh.....12:30pm- 1:45pm (ARM 0117) STAFF
W.....9:00am- 9:50am (EGR 1124) DIS
0202 TuTh.....12:30pm- 1:45pm (ARM 0117) STAFF
W.....10:00am-10:50am (EGR 3114) DIS
0301 TuTh.....12:30pm- 1:45pm (ARM 0110) STAFF
W.....11:00am-11:50am (EGR 3111) DIS
0302 TuTh.....12:30pm- 1:45pm (ARM 0110) STAFF
W.....12:00pm-12:50pm (EGR 1102) DIS

ENEE380 Electromagnetic Theory; Grade Method: REG; 3 credits
(PermReq) Prerequisites: MATH 241 and PHYS 263 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090).
0101 MWF.....11:00am-11:50am (CHE 2110) STAFF
Th.....11:00am-11:50am (EGR 3114) DIS
0102 MWF.....11:00am-11:50am (CHE 2110) STAFF
Th.....12:00pm-12:50pm (EGR 3114) DIS
0201 MWF.....11:00am-11:50am (ARM 0117) STAFF
Tu.....12:00pm-12:50pm (EGR 2112) DIS
0202 MWF.....11:00am-11:50am (ARM 0117) STAFF
Tu.....1:00pm- 1:50pm (EGR 0108) DIS
0301 MWF.....11:00am-11:50am (CHM 0128) STAFF
Th.....12:00pm-12:50pm (EGR 1102) DIS
0302 MWF.....11:00am-11:50am (CHM 0128) STAFF
Th.....1:00pm- 1:50pm (EGR 0108) DIS

ENEE381 Electromagnetic Wave Propagation; Grade 3 credits
(PermReq) Method: REG; Prerequisite: ENEE 380 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 TuTh.....9:30am-10:45am (CHM 0128) STAFF
F.....9:00am- 9:50am (EGR 0108) DIS
0102 TuTh.....9:30am-10:45am (CHM 0128) STAFF
F.....10:00am-10:50am (EGR 0104) DIS
0201 TuTh.....9:30am-10:45am (ARM 0116) STAFF
M.....11:00am-11:50am (EGR 3111) DIS
0202 TuTh.....9:30am-10:45am (ARM 0116) STAFF
M.....12:00pm-12:50pm (EGR 3111) DIS
0301 TuTh.....9:30am-10:45am (CHM 0119) STAFF
M.....9:00am- 9:50am (CHE 2120) DIS
0302 TuTh.....9:30am-10:45am (CHM 0119) STAFF
M.....10:00am-10:50am (CHE 2136) DIS

ENEE407 Microwave-circuits Laboratory; Grade 2 credits
(PermReq) Method: REG; Prerequisites: ENEE 305 and 381 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors only (09090).
0101 Th.....1:00pm- 2:00pm (EGR 3114) STAFF
Th.....2:00pm- 5:00pm (EGL 0145) LAB

ENEE412 (PermReq) Advanced Electronics; Grade Method: REG; Prerequisite: ENEE 314 and completion of all lower-division technical courses in the EE curriculum. See above note. — 3 credits

0101	MWF.....10:00am-10:50am (EGR 2107)	STAFF

ENEE413 (PermReq) Electronics Laboratory; Grade Method: REG; Prerequisite: ENEE 305 and ENEE 314 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. — 2 credits

0102	W.....12:00pm-12:50pm (CHE 2108)	STAFF
	Tu.....12:30pm- 3:30pm (EGL 0122) LAB	
0103	W.....12:00pm-12:50pm (CHE 2108)	STAFF
	Th.....9:00am-12:00pm (EGL 0122) LAB	
0104	W.....12:00pm-12:50pm (CHE 2108)	STAFF
	Th.....12:30pm- 3:30pm (EGL 0122) LAB	
0105	W.....12:00pm-12:50pm (CHE 2108)	STAFF
	F.....1:00pm- 4:00pm (EGL 0122) LAB	
0106	W.....12:00pm-12:50pm (CHE 2108)	STAFF
	W.....1:00pm- 4:00pm (EGL 0122) LAB	
0107	W.....12:00pm-12:50pm (CHE 2108)	STAFF
	M.....12:00pm- 3:00pm (EGL 0122) LAB	
0108	W.....12:00pm-12:50pm (CHE 2108)	STAFF
	M.....3:30pm- 6:30pm (EGL 0122) LAB	

ENEE418 (PermReq) Projects in Electrical Engineering: General Electrical Engineering Projects; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. ENEE majors (09090) only. — 1-3 credits

ENEE4180 (PermReq) Projects in Electrical Engineering: Optoelectronics Lab; Grade Method: REG; ENEE majors (09090) only. — 2 credits

0101	Th.....1:00pm- 2:00pm (EGR 3110)	STAFF
	Th.....2:00pm- 5:00pm (EGL 0130A) LAB	

ENEE420 (PermReq) Communication Systems; Grade Method: REG; Prerequisite: ENEE 324 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. — 3 credits

0101	MW.....5:00pm- 6:15pm (EGR 3106)	STAFF
0201	MW.....5:00pm- 6:15pm (ITV 1111)	STAFF

ENEE425 (PermReq) Digital Signal Processing; Grade Method: REG; Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. — 3 credits

0101	MW.....12:30pm- 1:45pm (EGR 2107)	STAFF
0201	MWF.....10:00am-10:50am (ARM 0119)	STAFF
0301	MW.....3:30pm- 4:45pm (CHE 2136)	STAFF

ENEE426 (PermReq) Communication Networks; Grade Method: REG; Prerequisite: permission of department and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. — 3 credits

0101	TuTh.....9:30am-10:45am (EGR 0108)	STAFF

ENEE434 (PermReq) Introduction to Neural Networks and Signals; Grade Method: REG; Prerequisite: ENEE 204 or ENEE 300 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. — 3 credits

0101	TuTh.....5:00pm- 6:15pm (EGR 3106)	STAFF

ENEE440 (PermReq) Microprocessors; Grade Method: REG; Prerequisite: ENEE 250 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (EGR 1126)	STAFF
0201	TuTh.....8:00am- 9:15am (ITV 1100)	STAFF
0301	TuTh.....9:30am-10:45am (EGR 1126)	STAFF

ENEE444 (PermReq) Logic Design of Digital Systems; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 250 and completion of all lower-division technical courses in the EE curriculum. See above note. Not open to students who have completed ENEE 244. Prerequisite: ENEE 250. ENEE majors (09090) only. — 3 credits

0201	TuTh.....12:30pm- 1:45pm (EGR 2154)	STAFF
0301	TuTh.....8:00am- 9:15am (ITV 1111)	STAFF
0401	MW.....5:00pm- 6:15pm (EGR 1108)	STAFF

ENEE445 (PermReq) Computer Laboratory; Grade Method: REG; Prerequisite: ENEE 305 and ENEE 440 or ENEE 444 and completion of all lower-division technical course in the EE curriculum. See above note. ENEE majors (09090) only. — 2 credits

0101	Tu.....11:00am-11:50am (EGR 3108)	STAFF
	Tu.....12:30pm- 3:30pm (EGL 0130) LAB	
0102	Tu.....11:00am-11:50am (EGR 3108)	STAFF
	Th.....9:00am-12:00pm (EGL 0130) LAB	
0103	Tu.....11:00am-11:50am (EGR 3108)	STAFF
	Th.....12:30pm- 3:30pm (EGL 0130) LAB	

ENEE446 (PermReq) Digital Computer Design; Grade Method: REG; Prerequisite: ENEE 250 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. — 3 credits

0201	TuTh.....5:00pm- 6:15pm (ITV 1100)	STAFF
0301	MW.....2:00pm- 3:15pm (EGR 0110)	STAFF

ENEE462 (PermReq) Systems, Control and Computation; Grade Method: REG; Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. — 3 credits

0101	MW.....3:30pm- 4:45pm (EGR 3106)	STAFF

ENEE473 (PermReq) Electrical Machines Laboratory; Grade Method: REG; Prerequisite: ENEE 305 and completion of all lower-division technical courses in the EE curriculim. See above note. ENEE majors (09090) only. — 2 credits

0101	W.....1:00pm- 1:50pm (EGR 3111)	STAFF
	W.....3:30pm- 6:30pm (EGL 0132) LAB	

ENEE474 (PermReq) Power Systems; Grade Method: REG; Prerequisite: ENEE 322 and completion of all lower-division technical in the EE curriculum. See above note. ENEE majors (09090) only. — 3 credits

0101	MW.....2:00pm- 3:15pm (EGR 3106)	STAFF

ENEE481 (PermReq) Antennas; Grade Method: REG; Prerequisite: ENEE 381 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. — 3 credits

0101	MW.....12:30pm- 1:45pm (EGR 0108)	STAFF

ENEE482 (PermReq) Design of Active and Passive Microwave Devices; Grade Method: REG; Prerequisite: ENEE 381 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. — 3 credits

0101	MW.....3:30pm- 4:45pm (EGR 0110)	STAFF

ENEE488B (PermReq) Topics in Electrical Engineering: Micro Electronics Design Projects; Grade Method: REG; ENEE majors (09090) only. — 3 credits

0101	TuTh.....9:30am-10:45am (EGR 3106)	STAFF

ENEE488K (PermReq) Topics in Electrical Engineering: Optical System Design; Grade Method: REG; Prerequisite: ENEE 380; and corequisite: ENEE 381; electrical majors (09090) only. — 3 credits

0101	MW.....2:00pm- 3:15pm (CHM 0124)	STAFF

ENEE494 (PermReq) Solid State Devices; Grade Method: REG; Prerequisite: ENEE 302 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (EGR 3106)	STAFF

ENEE496 (PermReq) Lasers and Electro-optic Devices; Grade Method: REG; Pre- or corequisite: ENEE 381. Completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. — 3 credits

0101	MW.....2:00pm- 3:15pm (EGR 1104)	STAFF

ENEE608A Graduate Seminar: Communications; Grade Method: REG/AUD; — 1-3 credits

0101	W.....1:30pm- 3:00pm (EGR 1102)	STAFF

ENEE608B Graduate Seminar: Computers; Grade Method: REG/AUD; — 1-3 credits

0101	F.....9:30am-11:00am (EGR 3108)	STAFF

ENEE608C Graduate Seminar: Controls; Grade Method: REG/AUD; — 1-3 credits

0101	W.....1:30pm- 3:00pm (EGR 3114)	STAFF

ENEE608D Graduate Seminar: Electrophysics; Grade Method: REG/AUD; — 1-3 credits

0101	F.....4:00pm- 5:30pm (EGR 3110)	STAFF

ENEE608E Graduate Seminar: Micro-Electronics Seminar; Grade Method: REG/AUD; — 1-3 credits

0101	Tu.....6:30pm- 7:30pm (EGR 2102)	STAFF

ENEE609A (PermReq) Projects in Electrical Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ENEE609B (PermReq) Projects in Electrical Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ENEE620 Random Processes in Communication and Control; Grade Method: REG/AUD; Prerequisite: ENEE 324 or equivalent. — 3 credits

0101	MW.....6:30pm- 7:45pm (ITV 1100)	STAFF
0201	TuTh.....12:30pm- 1:45pm (EGR 3106)	STAFF

ENEE621 Estimation and Detection Theory; Grade Method: REG/AUD; Prerequisite: ENEE 620 or equivalent. Also offered as MAPL 644. — 3 credits

0101	MW.....3:30pm- 4:45pm (ITV 1111)	STAFF

ENEE623 Digital Communications; Grade Method: REG/AUD; Prerequisites: ENEE 620 and ENEE 420 or equivalents, or permission of instructor. — 3 credits

0101	TuTh.....5:00pm- 6:15pm (EGR 2107)	STAFF

ENEE646 Digital Computer Design; Grade Method: REG/AUD; Prerequisite: ENEE 446. — 3 credits

0101	TuTh.....3:30pm- 4:45pm (EGR 1104)	STAFF

ENEE648C Advanced Topics in Electrical Engineering: VLSI Design; Grade Method: REG/AUD; Prerequisite: ENEE 646. — 3 credits

0101	MW.....2:00pm- 3:15pm (ITV 1111)	STAFF

ENEE648D Advanced Topics in Electrical Engineering: Introduction to Applied Super Conductivity; Grade Method: REG/AUD; — 3 credits

0101	TuTh.....2:00pm- 3:15pm (EGR 1104)	STAFF

ENEE648E Advanced Topics in Electrical Engineering: Semiconductor Material Characterization; Grade Method: REG/AUD; — 3 credits

0101	TuTh.....5:00pm- 6:15pm (EGR 1108)	STAFF

ENEE648I Advanced Topics in Electrical Engineering: Operating Systems; Grade Method: REG/AUD; — 3 credits

0101	TuTh.....2:00pm- 3:15pm (CHM 0119)	STAFF

ENEE648L Advanced Topics in Electrical Engineering: Physics and Simulators of Semiconductor Devices II; Grade Method: REG/AUD; — 3 credits

0101	WF.....10:00am-11:15am (EGR 1110)	STAFF

ENEE648U Advanced Topics in Electrical Engineering: Optical Communication Systems; Grade Method: REG/AUD; — 3 credits

0101	TuTh.....3:30pm- 4:45pm (EGR 3108)	STAFF

ENEE655 Structure Theory of Machines; Grade Method: REG/AUD; Prerequisites: ENEE 450 and ENEE 444. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (EGR 2107)	STAFF

ENEE660 Modern Control System Design Method; Grade Method: REG/AUD; Prerequisites: ENEE 663 and ENEE 620, or equivalent, or permission of instructor. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (EGR 3110)	STAFF

ENEE663 System Theory; Grade Method: REG/AUD; Also offered as MAPL 640. — 3 credits

0101	MW.....2:00pm- 3:15pm (EGR 2154)	STAFF

ENEE664 Optimal Control; Grade Method: REG/AUD; Prerequisite: ENEE 460. Also offered as MAPL 641. — 3 credits

0101	MW.....11:00am-12:15pm (EGR 3108)	STAFF

ENEE681 Electromagnetic Theory II; Grade Method: REG/AUD; Prerequisite: ENEE 381 or equivalent. — 3 credits

0101	MW.....5:00pm- 6:15pm (EGR 3108)	STAFF

ENEE686 Charged Particle Dynamics, Electron and Ion Beams; Grade Method: REG/AUD; Prerequisite: permission of instructor. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (EGR 1108)	STAFF

ENEE690 Quantum and Wave Phenomena with Electrical Application; Grade Method: REG/AUD; Prerequisites: ENEE 381 and ENEE 382 or equivalent. — 3 credits

0101	TuTh.....5:00pm- 6:15pm (EGR 1126)	STAFF

ENEE696 Integrated and Microwave Electronics; Grade Method: REG/AUD; Prerequisite: ENEE 310. Recommended: ENEE 793. — 3 credits

0101	TuTh.....3:30pm- 4:45pm (EGR 2112)	STAFF

ENEE697 Semiconductor Devices and Technology; Grade Method: REG/AUD; Prerequisite: ENEE 496 or equivalent. Recommended: ENEE 793. — 3 credits

0101	TuTh.....5:00pm- 6:15pm (ITV 1111)	STAFF

ENEE703 Semiconductor Device Models; Grade Method: REG/AUD; Prerequisite: ENEE 605 or equivalent. — 3 credits

0101	MW.....3:30pm- 4:45pm (EGR 3102)	STAFF

ENEE722 Error Correcting Codes; Grade Method: REG/AUD; Also offered as MAPL 732. — 3 credits

0101	MW.....12:30pm- 1:45pm (ITV 1111)	STAFF

ENEE728F Advanced Topics in Communication Theory: Information Theory and Statistics; Grade Method: REG/AUD; — 3 credits

0101	TuTh.....3:00pm- 5:00pm (EGR 0110)	STAFF

ENEE748D Topics in Computer Design: Knowledge Engineering; Grade Method: REG/AUD; — 3 credits

0101	TuTh.....2:00pm- 3:15pm (EGR 3102)	STAFF

ENEE748I Topics in Computer Design: Principles of Parallel Processing; Grade Method: REG/AUD; — 3 credits

0101	TuTh.....5:00pm- 6:15pm (EGR 2102)	STAFF

ENEE790 Quantum Electronics I; Grade Method: REG/AUD; Prerequisite: a knowledge of quantum mechanics or permission of instructor. — 3 credits

0101	MW.....3:30pm- 4:45pm (EGR 3108)	STAFF

ENEE799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENEE899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

ENES Engineering Science (Engineering)

ENES101 (PermReq) Introductory Engineering Science; Grade Method: REG/P-F/AUD; Limited to engineering students. Prerequisite: student in the College of Engineering. — 3 credits

0101	MW.....8:00am- 8:50am (EGR 1202)	Munno, F
	F.....8:00am-10:00am (CHE 2136) DIS	
0102	MW.....8:00am- 8:50am (EGR 1202)	Munno, F
	W.....1:00pm- 3:00pm (CHE 2145) DIS	
0103	MW.....8:00am- 8:50am (EGR 1202)	Munno, F
	Tu.....8:00am-10:00am (CHE 2140) DIS	
0104	MW.....8:00am- 8:50am (EGR 1202)	Munno, F
	Th.....1:00pm- 3:00pm (CHE 2118) DIS	

ENES110 (PermReq) Statics; Grade Method: REG/P-F/AUD; Corequisite: MATH 141. Limited to engineering students. Prerequisite: student in College of Engineering. — 3 credits

0101	TuTh.....11:00am-11:50am (ARM 0131)	STAFF
	M.....1:00pm- 2:50pm (EGR 2112) DIS	
0102	TuTh.....11:00am-11:50am (ARM 0131)	STAFF
	Tu.....1:00pm- 2:50pm (EGR 1102) DIS	
0103	TuTh.....11:00am-11:50am (ARM 0131)	STAFF
	W.....1:00pm- 2:50pm (EGR 1108) DIS	
0104	TuTh.....11:00am-11:50am (ARM 0131)	STAFF
	Th.....1:00pm- 2:50pm (EGR 3108) DIS	
0105	TuTh.....11:00am-11:50am (ARM 0131)	STAFF
	F.....1:00pm- 2:50pm (EGR 1126) DIS	

ENES110H (PermReq) Statics; Grade Method: REG/P-F/AUD; Corequisite: MATH 141. Requires MATH SAT score of 650. Prerequisite: student in College of Engineering. — 3 credits

0101	TuTh.....9:30am-10:45am (EGR 3102)	STAFF

ENES220 (PermReq) Mechanics of Materials; Grade Method: REG/P-F/AUD; Prerequisites: MATH 141; and PHYS 161; and ENES 110. Must be a student in the College of Engineering. — 3 credits

0101	MWF.....10:00am-10:50am (CHM 0122)	STAFF
0201	MWF.....9:00am- 9:50am (EGR 0110)	STAFF
0301	MWF.....10:00am-10:50am (EGR 1104)	STAFF
0401	MWF.....11:00am-11:50am (EGR 3106)	STAFF
0501	TuTh.....8:00am- 9:15am (EGR 1108)	STAFF
0601	MWF.....8:00am- 8:50am (EGR 2103)	STAFF

ENES221 (PermReq) Dynamics; Grade Method: REG/P-F/AUD; Prerequisites: ENES 110; and MATH 141; and PHYS 161. Prerequisite: student in the College of Engineering. — 3 credits

0101	MW.....8:00am- 8:50am (ZOP 1240)	STAFF
	F.....8:00am- 9:50am (EGR 1102) DIS	
0102	MW.....8:00am- 8:50am (ZOP 1240)	STAFF
	M.....1:00pm- 2:50pm (EGR 1106) DIS	
0103	MW.....8:00am- 8:50am (ZOP 1240)	STAFF
	W.....1:00pm- 2:50pm (EGR 1120) DIS	
0201	TuTh.....9:30am-10:20am (CHE 2110)	STAFF
	M.....1:00pm- 2:50pm (ARM 0118) DIS	
0202	TuTh.....9:30am-10:20am (CHE 2110)	STAFF
	Tu.....1:00pm- 2:50pm (CHE 2145) DIS	
0204	TuTh.....9:30am-10:20am (CHE 2110)	STAFF
	Th.....1:00pm- 2:50pm (EGR 2112) DIS	

ENES230 (PermReq) Introduction to Materials and their Applications; Grade Method: REG/P-F/AUD; Prerequisite: ENES 110. Prerequisite: student in the College of Engineering. — 3 credits

0101	TuTh.....3:30pm- 4:45pm (CHE 2108)	Marriott, R

ENES240 (PermReq) Engineering Computation; Grade Method: REG; Prerequisite: MATH 141. College of Engineering 04. — 3 credits

0101	TuTh.....12:00pm-12:50pm (ARM 0135)	STAFF
	Tu.....8:00am-10:00am (CHE 2118) LAB	
0102	TuTh.....12:00pm-12:50pm (ARM 0135)	STAFF
	Tu.....10:00am-12:00pm (EGR 1102) LAB	
0103	TuTh.....12:00pm-12:50pm (ARM 0135)	STAFF
	Tu.....1:00pm- 3:00pm (EGR 3108) LAB	
0104	TuTh.....12:00pm-12:50pm (ARM 0135)	STAFF
	W.....1:00pm- 3:00pm (EGR 1124) LAB	
0105	TuTh.....12:00pm-12:50pm (ARM 0135)	STAFF
	Th.....10:00am-12:00pm (EGR 3110) LAB	
0106	TuTh.....12:00pm-12:50pm (ARM 0135)	STAFF
	Th.....1:00pm- 3:00pm (CHM 0127) LAB	
0108	TuTh.....12:00pm-12:50pm (ARM 0135)	STAFF
	F.....1:00pm- 3:00pm (EGR 1106) LAB	

ENES386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ENES387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ENES388 Engineering Honors Seminar; Grade Method: REG/P-F; — 1 credit

0101	W.....12:00pm-12:50pm (EGR 3111)	McCuen, R

ENES388H (PermReq) Engineering Honors Seminar: Ethics in Engineering Practice; Grade Method: REG/P-F; — 1 credit

0101	MWF.....8:00am- 8:50am (EGR 2102)	McCuen, R

ENES389E Special Topics in Engineering: Eatable Thermodynamics; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....2:00pm- 3:15pm (EGR 1106)	Regan, T

ENFP Engineering, Fire Protection (Engineering)

ENFP290 Fire Protection Fluids; Grade Method: REG/P-F/AUD; — 3 credits

0101	MW.....10:00am-12:00pm (EGR 0135)	Mowrer, F

ENFP312 Heat Transfer Applications in Fire Protection; Grade Method: REG/P-F/AUD; Prerequisites: CMSC 110 and ENES 240; or ENME 320 and ENME 217. — 3 credits

0101	TuTh.....1:00pm- 3:00pm (EGR 0135)	Milke, J

ENFP315 Fire Protection Systems Design II; Grade Method: REG/P-F/AUD; Prerequisites: ENFP 290; and ENFP 310. Majors only. — 3 credits

0101	MW.....2:00pm- 4:00pm (EGR 0135)	Mowrer, F

ENFP411 Fire Protection Hazard Analysis; Grade Method: REG/P-F/AUD; Prerequisites: ENFP 251; and ENFP 315. Majors only. — 3 credits

0101	TuTh.....10:00am-12:00pm (EGR 0135)	Milke, J

ENFP416 Problem Synthesis and Design; Grade Method: REG/P-F/AUD; Senior standing. Majors only. — 3 credits

0101	M.....4:00pm- 6:30pm (EGR 0104)	Bryan, J

ENFP489 Special Topics: Fire Protection Engineering Seminar; Grade Method: REG/P-F/AUD; Majors only. — 3 credits

0101	M.....6:30pm- 9:30pm (EGR 1110)	Dinenno, P

ENGL English (Arts and Humanities)

ENGL101 Introduction to Writing; Grade Method: REG; Students with a TSWE score of 33 or below must take ENGL 101A in place of ENGL 101. Students for whom English is a second language should consider taking ENGL 101X in place of ENGL 101. Sections 0004 and 0105 will be taught in 1125 La Plata Hall and are designed for residents of La Plata. Sections 1004 and 1103 will be taught in 1119 Easton and are designed for residents of Easton. — 3 credits

0001	MWF.....8:00am- 8:50am (TLF 1103)	Buck, J
0002	MWF.....8:00am- 8:50am (TLF 1101)	Sanders, C
0003	MWF.....8:00am- 8:50am (TLF 0110)	STAFF
0004	MWF.....8:00am- 8:50am (Arranged)	Callahan, F
0101	MWF.....9:00am- 9:50am (TLF 2101)	Buck, J
0102	MWF.....9:00am- 9:50am (KEY 0119)	STAFF
0103	MWF.....9:00am- 9:50am (HBK 1108)	Steinberg, S
0104	MWF.....9:00am- 9:50am (KEY 0123)	Swinnerton, J
0105	MWF.....9:00am- 9:50am (Arranged)	Paxton, A
0106	MWF.....9:00am- 9:50am (KEY 0121)	Hutchins, J
0108	MWF.....9:00am- 9:50am (TLF 0110)	Bray, M
0201	MWF.....10:00am-10:50am (KEY 0119)	Bray, M
0202	MWF.....10:00am-10:50am (ARM 0103)	Pleydell, S
0203	MWF.....10:00am-10:50am (EGR 3111)	Pettengill, C
0204	MWF.....10:00am-10:50am (ZOP 1234)	STAFF
0205	MWF.....10:00am-10:50am (ARM 0102)	Harrington, D
0207	MWF.....10:00am-10:50am (HBK 1108)	Steinberg, S
0208	MWF.....10:00am-10:50am (KEY 0124)	Gulino, F
0301	MWF.....11:00am-11:50am (TLF 0110)	Van Kirk, J
0303	MWF.....11:00am-11:50am (HBK 0125)	Shevlin, E
0401	MWF.....12:00pm-12:50pm (LEF 1220)	Van Kirk, J
0402	MWF.....12:00pm-12:50pm (HZF 1106)	Svrjcek, M
0403	MWF.....12:00pm-12:50pm (WDS 1130)	Larsen, K
0404	MWF.....12:00pm-12:50pm (TLF 0110)	Steinecke, A
0406	MWF.....12:00pm-12:50pm (HBK 1116)	Giroir, M
0408	MWF.....12:00pm-12:50pm (HBK 0125)	Magnetti, C
0501	MWF.....1:00pm- 1:50pm (HBK 1108)	Oxindine, A
0506	MWF.....1:00pm- 1:50pm (KEY 0120)	Buhlig Jr., P
0508	MWF.....1:00pm- 1:50pm (HZF 1108)	Svrjcek, M
0509	MWF.....1:00pm- 1:50pm (JRN 1104)	Davison, N
0601	MWF.....2:00pm- 2:50pm (HBK 1108)	Oxindine, A
0602	MWF.....2:00pm- 2:50pm (TLF 1101)	STAFF
0603	MWF.....2:00pm- 2:50pm (ARM 0105)	Abdulillaha, R
0605	MWF.....2:00pm- 2:50pm (ARM 0120)	Moul, C
0608	MWF.....2:00pm- 2:50pm (HBK 0125)	Taylor, M
0609	MWF.....2:00pm- 2:50pm (TLF 0102)	Dickinson, L
0702	MWF.....3:00pm- 3:50pm (ARM 0120)	Moul, C
0703	MWF.....3:00pm- 3:50pm (HBK 1108)	Taylor, M
0704	MWF.....3:00pm- 3:50pm (TLF 2101)	Wurdeman, M
1001	TuTh.....8:00am- 9:15am (TLF 0110)	Lin, D
1003	TuTh.....8:00am- 9:15am (TLF 1102)	Ruppel, F
1004	TuTh.....8:00am- 9:15am (Arranged)	Jaster, M
1005	TuTh.....8:00am- 9:15am (TLF 0102)	Ellis, L
1101	TuTh.....9:30am-10:45am (TLF 0110)	Lin, D
1102	TuTh.....9:30am-10:45am (WDS 1130)	Ruppel, F
1103	TuTh.....9:30am-10:45am (Arranged)	Jaster, M

1104	TuTh.....9:30am-10:45am (HZF 1108)		Buck, P
1106	TuTh.....9:30am-10:45am (ARM 0120)		Brigham, L
1107	TuTh.....9:30am-10:45am (ARM 0121)		Scheper, J
1201	TuTh.....11:00am-12:15pm (ARM 0121)		Scheper, J
1202	TuTh.....11:00am-12:15pm (ARM 0102)		STAFF
1203	TuTh.....11:00am-12:15pm (SYM 2109)		Macys, V
1204	TuTh.....11:00am-12:15pm (COL 0100)		Dove, L
1205	TuTh.....11:00am-12:15pm (JRN 1103)		Cannon, E
1206	TuTh.....11:00am-12:15pm (HZF 1108)		Harrington, D
1207	TuTh.....11:00am-12:15pm (ARM 0105)		Brigham, L
1301	TuTh.....12:30pm- 1:45pm (SYM 1308)		Macys, V
1302	TuTh.....12:30pm- 1:45pm (JMZ 0120)		Wright, K
1303	TuTh.....12:30pm- 1:45pm (COL 0100)		Kieserman, S
1304	TuTh.....12:30pm- 1:45pm (JRN 1103)		Cannon, E
1305	TuTh.....12:30pm- 1:45pm (ARM 0121)		Kunzler, C
1306	TuTh.....12:30pm- 1:45pm (ARM 0102)		Rodowsky, K
1307	TuTh.....12:30pm- 1:45pm (ARM 0105)		O'Foran, M
1308	TuTh.....12:30pm- 1:45pm (JMZ 3203)		Gillett, S
1309	TuTh.....12:30pm- 1:45pm (HBK 1108)		Argo, M
1401	TuTh.....2:00pm- 3:15pm (ZOP 1234)		Munter, R
1402	TuTh.....2:00pm- 3:15pm (JMZ 1104)		Gillett, S
1403	TuTh.....2:00pm- 3:15pm (ARM 0121)		Harrington, S
1404	TuTh.....2:00pm- 3:15pm (JMZ 0118)		Hall, D
1405	TuTh.....2:00pm- 3:15pm (JMZ 2117)		Whitlock, S
1407	TuTh.....2:00pm- 3:15pm (ARM 0103)		Rodowsky, K
1501	TuTh.....3:30pm- 4:45pm (JMZ 1117)		Hall, D
1502	TuTh.....3:30pm- 4:45pm (TLF 0102)		Carr, R
1503	TuTh.....3:30pm- 4:45pm (TLF 0110)		Sprecher, L
1504	TuTh.....3:30pm- 4:45pm (JMZ 1224)		Whitlock, S
1505	TuTh.....3:30pm- 4:45pm (ARM 0121)		Harrington, S
1601	TuTh.....4:00pm- 5:15pm (TLF 1103)		Anderson, C
1801	MW.....7:00pm- 8:15pm (EGR 3102)		Acosta, A
1901	TuTh.....7:00pm- 8:15pm (HBK 0125)		Sprecher, L

ENGL101A Introduction to Writing; Grade Method: REG; Students must take ENGL 101A rather than ENGL 101 if their TSWE score (a subscore of the SAT verbal) is 33 or below. Classes are limited to 15 students. — 3 credits

1701	MWF.....10:00am-10:50am (JRN 1103)		Davis, J
1702	MWF.....12:00pm-12:50pm (TLF 2110)		Davis, J
1703	TuTh.....9:30am-10:45am (ARM 0102)		Johnson, E
1704	TuTh.....11:00am-12:15pm (LEF 1210)		Sun, Y

ENGL101H (PermReq) Introduction to Writing; Grade Method: REG; Limited to General Honors students and to students exempt from regular ENGL 101. — 3 credits

0201	TuTh.....12:30pm- 1:45pm (TYD 2140)		Lima, M

ENGL101X (PermReq) Introduction to Writing; Grade Method: REG; Limited to students for whom English is a second language. To register for ENGL 101X, a student must first demonstrate competence in English. Proof of one of the following should be brought to TLF 2143 (x4160) or PKT 1104 (x6545): 1. A TOEFL score of 550 with no sectional score below 50. 2. A CELT score of 220 with no subtest score below 60 and a rating of 5 or better on the writing sample. 3. Successful completion of UMEI 005, Advanced English as a Foreign Language, Semi-Intensive. — 3 credits

2001	MWF.....9:00am- 9:50am (TWS 0138)		Gray, C
2005	MWF.....10:00am-10:50am (ARC 1127)		Swatski, J
2007	MWF.....10:00am-10:50am (TWS 2228)		Gray, C
2008	TuTh.....9:30am-10:45am (JRN 1101)		Sun, Y
2009	TuTh.....11:00am-12:15pm (JMZ 1211)		Vogt, K
2010	MWF.....11:00am-11:50am (JRN 1101)		Tucci, P

ENGL201 World Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....1:00pm- 1:50pm (TLF 1104)		Hamilton, G
0201	MWF.....2:00pm- 2:50pm (TLF 0103)		Hamilton, G
0301	TuTh.....9:30am-10:45am (KEY 0121)		Marcuse, M
0401	TuTh.....9:30am-10:45am (TLF 1104)		Coleman, L

ENGL202 World Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....1:00pm- 1:50pm (TLF 0102)		Demaree, C
0201	MWF.....10:00am-10:50am (TLF 1102)		Rotaru, A
0301	TuTh.....9:30am-10:45am (WDS 1131)		Marrazzo, F
0401	MWF.....12:00pm-12:50pm (TLF 2126)		Davison, N

ENGL205 Introduction to Shakespeare; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Recommended: for non-majors. — 3 credits

0101	MWF.....12:00pm-12:50pm (TLF 1101)		Green, M
0201	MWF.....12:00pm-12:50pm (WDS 1131)		Chitwood, C
0302	TuTh.....9:30am-10:45am (TLF 0103)		Eaton, B
0401	TuTh.....12:30pm- 1:45pm (TYD 2100)		Cartwright, K

ENGL221 American Literature: Beginning to 1865; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....11:00am-11:50am (KEY 0106)		Bennett, M

ENGL222 American Literature: 1865 to Present; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....9:00am- 9:50am (KEY 0125)		Meng, D
0201	MWF.....10:00am-10:50am (ARM 0105)		Molyneaux, S
0301	MWF.....12:00pm-12:50pm (KEY 0125)		Tavares, M
0401	MWF.....1:00pm- 1:50pm (JRN 1105)		Tavares, M
0502	MWF.....2:00pm- 2:50pm (TLF 0101)		Mock, J
0601	TuTh.....2:00pm- 3:15pm (WDS 1127)		Burathoki, D
0701	TuTh.....3:30pm- 4:45pm (TLF 2103)		Burathoki, D
0801	TuTh.....2:00pm- 3:15pm (TLF 2126)		Martinson, A

ENGL234 Introduction to Afro-American Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	TuTh.....12:30pm- 1:45pm (TLF 1104)		Logan, S
0201	TuTh.....2:00pm- 3:15pm (TLF 0102)		Logan, S
0301	MWF.....12:00pm-12:50pm (TLF 1104)		Meehan, K
0401	MWF.....12:00pm-12:50pm (KEY 0116)		STAFF
0501	MWF.....1:00pm- 1:50pm (KEY 0116)		STAFF

ENGL240 Introduction to Literary Forms: Fiction, Poetry, Drama; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Not open to students who have completed ENGL 102. — 3 credits

0101	MWF.....10:00am-10:50am (KEY 0125)		Smith, N
0201	MWF.....12:00pm-12:50pm (TLF 2103)		Smith, N
0301	MWF.....1:00pm- 1:50pm (LEF 1222)		Bond, E
0401	MWF.....2:00pm- 2:50pm (KEY 0125)		Yankie, E
0501	TuTh.....12:30pm- 1:45pm (TLF 2101)		Scavicchio, J
0601	MWF.....12:00pm-12:50pm (TLF 0108)		Harrington, D

ENGL241 Introduction to the Novel; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....10:00am-10:50am (TLF 2101).		Becker, C
0102	MWF.....10:00am-10:50am (WDS 1130)		Larsen, K
0202	TuTh.....12:30pm- 1:45pm (TLF 1102)		Saje, N
0301	TuTh.....12:30pm- 1:45pm (JMZ 2123)		Vogt, K
0302	TuTh.....2:00pm- 3:15pm (JMZ 0125)		Wright, K
0401	TuTh.....11:00am-12:15pm (KEY 0126)		Salamanca, J
0501	TuTh.....12:30pm- 1:45pm (JRN 1105)		Johnson, E

ENGL242 Fact and Fiction: Forms of Non-Fictional Prose; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	TuTh.....12:30pm- 1:45pm (JRN 1104)		Grant-Davie, K

ENGL243 Introduction to Poetry; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....12:00pm-12:50pm (TLF 1103)		Dickinson, L
0102	MWF.....12:00pm-12:50pm (TLF 0102)		Curry, R
0201	TuTh.....9:30am-10:45am (KEY 0125)		Roberts, K
0202	MWF.....1:00pm- 1:50pm (LEF 1220)		Terchek, M
0301	TuTh.....12:30pm- 1:45pm (WDS 1131)		Roberts, K
0501	TuTh.....11:00am-12:15pm (HBK 1116)		Plumly, S

ENGL244 Introduction to Drama; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....9:00am- 9:50am (TLF 0103)		Wilson, G
0201	MWF.....10:00am-10:50am (TLF 2110)		Wilson, G
0301	MWF.....12:00pm-12:50pm (TLF 2101)		Curley, M
0401	MWF.....2:00pm- 2:50pm (TLF 1102)		Steinecke, A

ENGL245 Introduction to Film As Literature; Grade Method: REG/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	M.....6:30pm-10:00pm (KEY 0106)		Miller, J

ENGL246 The Short Story; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....10:00am-10:50am (TLF 2126)		Townsend, B
0201	MWF.....11:00am-11:50am (TLF 0103)		Townsend, B
0301	TuTh.....3:30pm- 4:45pm (TLF 0103)		Roberts, K
0401	TuTh.....8:00am- 9:15am (TLF 2101)		Eaton, B
0501	TuTh.....3:30pm- 4:45pm (TLF 2126)		Wei, K
0601	MWF.....2:00pm- 2:50pm (TLF 1104)		Van Egmond, P

ENGL247 Literature of Fantasy; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....9:00am- 9:50am (TLF 1101)		Buhlig Jr., P
0201	MWF.....11:00am-11:50am (TLF 2103)		Buhlig Jr., P
0202	MWF.....11:00am-11:50am (TLF 1102)		Demaree, C
0401	MWF.....1:00pm- 1:50pm (LEF 1201)		Smith, N

ENGL250 Women in Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....12:00pm-12:50pm (TLF 0103)		Swatski, J
0201	MWF.....1:00pm- 1:50pm (TLF 0110)		Townsend, B
0301	TuTh.....11:00am-12:15pm (TLF 2101)		Lima, M

ENGL260 Introduction to Folklore; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Not open to students who have completed ENGL 360. — 3 credits

0101	MWF.....9:00am- 9:50am (TLF 1102)		Fry, G
0201	MWF.....10:00am-10:50am (TLF 1101)		Fry, G
0301	TuTh.....2:00pm- 3:15pm (TLF 1103)		Pearson, B

ENGL281 Standard English Grammar, Usage, and Diction; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....10:00am-10:50am (TLF 0101)		James, E
0301	MWF.....1:00pm- 1:50pm (KEY 0123)		Martinovic-Zic,
0501	TuTh.....11:00am-12:15pm (TLF 2126)		Herman, H

ENGL291 Intermediate Writing; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....12:00pm-12:50pm (KEY 0123)		Tucci, P

ENGL294 Introduction to Creative Writing; Grade Method: REG/P-F/AUD; Sophomore standing. — 3 credits

0101	MWF.....10:00am-10:50am (KEY 0123)		Solari, R
0201	MWF.....12:00pm-12:50pm (KEY 0121)		Biespiel, D
0301	MWF.....2:00pm- 2:50pm (LEF 1210)		Buck, P

ENGL296 Beginning Fiction Workshop; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....9:00am- 9:50am (JRN 1103)		Greenberg, S
0201	MWF.....2:00pm- 2:50pm (TLF 2110)		Leonardi, S
0301	MWF.....2:00pm- 2:50pm (TLF 0110)		Haspel, D
0401	MWF.....3:00pm- 3:50pm (TLF 0110)		Moomau, G

ENGL297 Beginning Poetry Workshop; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....2:00pm- 3:15pm (KEY 0120)		Roberts, K
0102	TuTh.....2:00pm- 3:15pm (KEY 0117)		Levin, P

ENGL301 Critical Methods in the Study of Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....9:00am- 9:50am (TLF 0108)		Leinwand, T
0201	MWF.....10:00am-10:50am (TLF 0108)		Barry, J
0301	MWF.....11:00am-11:50am (TLF 1104)		Barry, J
0401	MWF.....2:00pm- 2:50pm (KEY 0123)		Kleine, D
0501	TuTh.....3:30pm- 4:45pm (KEY 0120)		Cate, G

ENGL310 Medieval and Renaissance British Literature; Grade Method: REG/P-F/AUD; For English and English education majors only. Not open to students who have completed ENGL 211 or ENGL 212. — 3 credits

0101	MWF.....10:00am-10:50am (TLF 1103)		Coogan, R
0201	MWF.....11:00am-11:50am (TLF 1101)		Coogan, R
0301	TuTh.....9:30am-10:45am (KEY 0119)		Mack Jr, M
0401	TuTh.....12:30pm- 1:45pm (LEF 1220)		O'Sullivan, S
0402	TuTh.....12:30pm- 1:45pm (WDS 1130)		Moser, T
0501	TuTh.....2:00pm- 3:15pm (KEY 0124)		Moser, T

ENGL311 Baroque and Augustan British Literature; Grade Method: REG/P-F/AUD; For English and English education majors only. — 3 credits

0101	MWF.....11:00am-11:50am (KEY 0123)		Birdsall, E
0201	MWF.....1:00pm- 1:50pm (KEY 0119)		Grossman, M
0301	MWF.....2:00pm- 2:50pm (KEY 0120)		Grossman, M
0401	TuTh.....11:00am-12:15pm (TLF 0108)		Carretta, V
0501	TuTh.....12:30pm- 1:45pm (KEY 0117)		DiPaolo, T
0601	TuTh.....2:00pm- 3:15pm (TLF 0110)		Carretta, V

ENGL312 Romantic to Modern British Literature; Grade Method: REG/P-F/AUD; For English and English education majors only. — 3 credits

0101	MWF.....9:00am- 9:50am (KEY 0117)		Loizeaux, E
0201	MWF.....11:00am-11:50am (KEY 0120)		Cross, R
0202	MWF.....11:00am-11:50am (KEY 0119)		Loizeaux, E
0301	MWF.....2:00pm- 2:50pm (KEY 0117)		Demaree, C
0401	TuTh.....9:30am-10:45am (TLF 0108)		Isaacs, N
0501	TuTh.....2:00pm- 3:15pm (TLF 0103)		STAFF

ENGL313 American Literature; Grade Method: REG/P-F/AUD; For English and English education majors only. Not open to students who have completed ENGL 221 or ENGL 222. — 3 credits

0101	MWF.....1:00pm- 1:50pm (KEY 0117)		Van Egmond, P
0201	TuTh.....2:00pm- 3:15pm (TLF 0108)		Vitzthum, R
0301	TuTh.....11:00am-12:15pm (TLF 1102)		O'Sullivan, S
0401	TuTh.....9:30am-10:45am (TLF 0102)		McCauley-Evans,

ENGL313H (PermReq) American Literature; Grade Method: REG; For English and English education majors only. Not open to students who have completed ENGL 221 or ENGL 222. For English honors students only. — 3 credits

0101	MWF.....12:00pm-12:50pm (TLF 3100)		Robinson, J

ENGL320 English Romantic Literature; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: two college-level literature courses. Credit will be granted for only one of the following: ENGL 320 and ENGL 420 or ENGL 320 and ENGL 421 — 3 credits

0101	TuTh.....12:30pm- 1:45pm (KEY 0125)		Levin, P
0201	TuTh.....2:00pm- 3:15pm (TLF 2101)		Wang, O
0301	TuTh.....3:30pm- 4:45pm (TLF 2108)		Wang, O

ENGL345 Twentieth Century Poetry; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Not open to students who have completed ENGL 445 or ENGL 446. — 3 credits

0101	MWF.....1:00pm- 1:50pm (JMZ 0105)		Cross, R

ENGL370 (PermReq) Junior Honors Conference; Grade Method: REG/P-F/AUD; Prerequisite: candidacy for honors in English. — 1 credit

0101	Th.....3:15pm- 5:15pm (TLF 0108)		Auchard, J

ENGL371 (PermReq) Senior Honors Conference; Grade Method: REG/P-F/AUD; Prerequisite: candidacy for honors in English. — 1 credit

0101	F.....3:00pm- 5:00pm (TLF 3100)		Auchard, J

ENGL378 (PermReq) Independent Research in English; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENGL379B Special Topics in Literature: Beckett, Joyce, and Caribbean Literature in English; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....2:00pm- 3:15pm (TLF 1104)		Carr, R

ENGL379E Special Topics in Literature: Film Analysis - The Rhetoric of Fictional Worlds; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: 2 literature courses. — 3 credits

0101	Th.....6:30pm-10:00pm (KEY 0106)		Miller, J

ENGL379G Special Topics in Literature: An American Comedy of Manners: Films of Howard Hawks and Woody Allen; Grade Method: REG/P-F/AUD; — 3 credits

0101	W.....6:30pm-10:00pm (KEY 0106)		Miller, J

ENGL379N Special Topics in Literature: The Literature of Sentiment and Sentimentality; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: two literature courses. — 3 credits

0101	TuTh.....9:30am-10:45am (TLF 2110)		Macbain, S
0201	TuTh.....3:30pm- 4:45pm (TLF 1101)		Macbain, S

ENGL379Q Special Topics in Literature: More's Utopia and Modern Utopian Visions; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: two literature classes. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (WDS 1127)		Collier, M

ENGL380 (PermReq) Internship; Grade Method: REG; Pre- or corequisite: ENGL 381 or ENGL 382; and permission of department. — 3-6 credits

0101	Time and room to be arranged		Scheltema, M
0201	Time and room to be arranged		Terchek, M

ENGL384 Concepts of Grammar; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....1:00pm- 1:50pm (KEY 0125)		James, E

ENGL391 Advanced Composition; Grade Method: REG; Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. This course satisfies the junior English requirement. — 3 credits

0001	MWF.....8:00am- 8:50am (TLF 0108)		Simpson, M
0102	MWF.....9:00am- 9:50am (WDS 1131)		Simpson, M
0103	MWF.....9:00am- 9:50am (HBK 0125)		Porosky, P
0201	MWF.....10:00am-10:50am (HBK 1116)		Porosky, P
0202	MWF.....10:00am-10:50am (WDS 1127)		Simpson, M
0203	MWF.....10:00am-10:50am (TYD 1136)		McDonald, G
0301	MWF.....11:00am-11:50am (TYD 1136)		McDonald, G
0303	MWF.....11:00am-11:50am (TLF 2126)		Burns, M
0304	MWF.....11:00am-11:50am (WDS 1131)		Simpson, M
0402	MWF.....12:00pm-12:50pm (HBK 0117)		Porosky, P
0404	MWF.....12:00pm-12:50pm (KEY 0120)		Burns, M
0502	MWF.....1:00pm- 1:50pm (HBK 0125)		Porosky, P
0504	MWF.....1:00pm- 1:50pm (WDS 1130)		Lake, C
0602	MWF.....2:00pm- 2:50pm (TLF 2126)		Burns, M
0603	MWF.....2:00pm- 2:50pm (TLF 2108)		Lake, C
0701	MWF.....3:00pm- 3:50pm (TLF 2108)		Burns, M
1001	TuTh.....8:00am- 9:15am (TLF 1101)		Northup, L
1101	TuTh.....9:30am-10:45am (TLF 1101)		Northup, L
1103	TuTh.....9:30am-10:45am (HBK 1116)		Inukai, C
1104	TuTh.....9:30am-10:45am (KEY 0123)		Boss, R
1201	TuTh.....11:00am-12:15pm (ARM 0119)		Tin Nyo, M
1202	TuTh.....11:00am-12:15pm (KEY 0119)		Boss, R
1203	TuTh.....11:00am-12:15pm (HBK 0117)		Inukai, C
1204	TuTh.....11:00am-12:15pm (EDU 1203)		Northup, L
1302	TuTh.....12:30pm- 1:45pm (ARM 0103)		Inukai, C
1303	TuTh.....12:30pm- 1:45pm (HZF 1101)		Boss, R
1304	TuTh.....12:30pm- 1:45pm (ARM 0120)		Tin Nyo, M
1401	TuTh.....2:00pm- 3:15pm (ARM 0105)		Tin Nyo, M
1402	TuTh.....2:00pm- 3:15pm (JMZ 1117)		McNeilly, D
1403	W.....6:00pm- 8:45pm (TLF 0103)		Saklas, A
1501	TuTh.....3:30pm- 4:45pm (JMZ 1215)		McNeilly, D

ENGL391X Advanced Composition; Grade Method: REG; Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. For students for whom English is a second language. This course satisfies the junior English requirement. — 3 credits

0301	TuTh.....11:00am-12:15pm (JMZ 1123)		Oliver, G

ENGL392 Advanced Composition: Pre-Law; Grade Method: REG; Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. This course satisfies the junior English requirement. — 3 credits

0101	MWF.....11:00am-11:50am (WDS 1127)		Winett, M
0201	TuTh.....9:30am-10:45am (LEF 1208)		Dangelo, D
0301	TuTh.....12:30pm- 1:45pm (TYD 1136)		Dangelo, D
0401	W.....7:00pm- 9:40pm (KEY 0117)		Winett, M

ENGL393 Technical Writing; Grade Method: REG; Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. This course satisfies the junior English requirement. — 3 credits

0001	MWF.....8:00am- 8:50am (KEY 0117)		Perla, S
0101	MWF.....9:00am- 9:50am (ZOP 1234)		Jones, E
0102	MWF.....9:00am- 9:50am (TLF 2103)		STAFF
0103	MWF.....9:00am- 9:50am (TLF 1103)		Schneiderman, B
0201	MWF.....10:00am-10:50am (KEY 0121)		Dicus, E
0202	MWF.....10:00am-10:50am (ZOP 1228)		Jones, E
0203	MWF.....10:00am-10:50am (KEY 0117)		Schneiderman, B
0204	MWF.....10:00am-10:50am (LEF 1220)		Eckroad, T
0301	MWF.....11:00am-11:50am (ASY 3219)		Shannon, S
0302	MWF.....11:00am-11:50am (TLF 0108)		STAFF
0303	MWF.....11:00am-11:50am (TLF 0102)		Fowler, J
0304	MWF.....11:00am-11:50am (TLF 2101)		Eckroad, T
0401	MWF.....12:00pm-12:50pm (TLF 1102)		Dicus, E
0402	MWF.....12:00pm-12:50pm (GEO 1120)		Procopiow, N
0403	MWF.....12:00pm-12:50pm (LEF 1208)		Fowler, J
0404	MWF.....12:00pm-12:50pm (KEY 0119)		Jones, E
0501	MWF.....1:00pm- 1:50pm (TLF 0108)		Dicus, E
0502	MWF.....1:00pm- 1:50pm (TAA 1122)		Eckroad, T
0504	MWF.....1:00pm- 1:50pm (WDS 1131)		Perry, R
0602	MWF.....2:00pm- 2:50pm (TAA 1122)		Fowler, J
0803	MWF.....2:00pm- 2:50pm (TLF 0108)		Procopiow, N
1001	TuTh.....8:00am- 9:15am (TLF 1103)		Rosenberg, P
1101	TuTh.....9:30am-10:45am (KEY 0117)		STAFF
1102	TuTh.....9:30am-10:45am (TLF 1103)		Ching, E
1104	TuTh.....9:30am-10:45am (KEY 0120)		Proedoehl, L
1201	TuTh.....11:00am-12:15pm (WDS 1130)		Proedoehl, L
1202	TuTh.....11:00am-12:15pm (KEY 0120)		McCauley-Evans,
1203	TuTh.....11:00am-12:15pm (LEF 1208)		Johnson, J
1204	TuTh.....11:00am-12:15pm (WDS 1127)		Pauli, R
1205	TuTh.....11:00am-12:15pm (ARM 0120)		Hendrickson, A
1301	TuTh.....12:30pm- 1:45pm (JMZ 2207)		Ching, E
1302	TuTh.....12:30pm- 1:45pm (ARM 0119)		Proedoehl, L
1304	TuTh.....12:30pm- 1:45pm (TLF 0108)		Pauli, R
1305	TuTh.....12:30pm- 1:45pm (ASY 3221)		STAFF
1401	TuTh.....2:00pm- 3:15pm (JMZ 2125)		STAFF
1402	TuTh.....2:00pm- 3:15pm (HBK 0125)		Wappel, J
1502	TuTh.....3:30pm- 4:45pm (HBK 0125)		Novotny, J
1602	M.....6:00pm- 8:40pm (TLF 1101)		Neckere, E
1603	Tu.....6:00pm- 8:40pm (TLF 1102)		Roblyer, P
1604	W.....6:00pm- 8:40pm (KEY 0103)		Boyd, R
1605	Th.....6:00pm- 8:40pm (TLF 0101)		Novotny, J
1606	W.....6:00pm- 8:40pm (TLF 2101)		Lowderbaugh, T
1607	Tu.....6:00pm- 8:40pm (KEY 0117)		Wappel, J

ENGL393X Technical Writing; Grade Method: REG; Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. For students for whom English is a second language. This satisfies the junior English requirement. — 3 credits

0001	MWF.....9:00am- 9:50am (JMZ 3120)		Perla, S
0101	MWF.....11:00am-11:50am (ARC 1121)		Perla, S
0201	MWF.....12:00pm-12:50pm (JRN 1101)		Schneider, M
0401	MWF.....2:00pm- 2:50pm (WDS 1131)		Schneider, M
1001	TuTh.....8:00am- 9:15am (TLF 1104)		Ching, E
1002	TuTh.....9:30am-10:45am (TLF 1102)		Oliver, G
1102	TuTh.....2:00pm- 3:15pm (ARC 1121)		Waldman, J
1503	TuTh.....3:30pm- 4:45pm (ARC 1125)		Waldman, J

ENGL393Z Technical Writing; Grade Method: REG; Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. Includes computer-assisted instruction. This course satisfies the junior English requirement. — 3 credits

0101	TuTh.....9:30am-10:45am (WDS 1127)		Oswald, S
0301	TuTh.....11:00am-12:15pm (KEY 0123)		Oswald, S

ENGL394 Business Writing; Grade Method: REG; Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. This course satisfies the junior English requirement. — 3 credits

0101	MWF.....9:00am- 9:50am (TLF 1104)		Harris, E
0201	MWF.....10:00am-10:50am (WDS 1131)		Harris, E
0301	MWF.....11:00am-11:50am (KEY 0121)		STAFF
0401	MWF.....12:00pm-12:50pm (WDS 1127)		STAFF
0501	MWF.....1:00pm- 1:50pm (KEY 0121)		Harris, E
0601	MWF.....2:00pm- 2:50pm (JRN 1103)		Perry, R
0701	TuTh.....9:30am-10:45am (ARM 0103)		Hendrickson, A
0702	TuTh.....9:30am-10:45am (ARC 1125)		Doyle, A
0801	TuTh.....11:00am-12:15pm (ARC 1123)		Vogt, B
0901	TuTh.....11:00am-12:15pm (ARC 1127)		Doyle, A
1001	TuTh.....12:30pm- 1:45pm (ARC 1127)		Doyle, A
1101	TuTh.....12:30pm- 1:45pm (JMZ 2120)		Rice, E
1201	TuTh.....2:00pm- 3:15pm (JMZ 2122)		Rice, E
1601	Tu.....6:00pm- 8:40pm (TLF 1103)		Mann, G
1602	W.....6:00pm- 8:40pm (KEY 0121)		Wappel, J

ENGL395 Technical Writing: Pre-Medical; Grade Method: REG; Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. This course satisfies the junior English requirement. — 3 credits

0101	MWF.....10:00am-10:50am (ARC 1125)		Shannon, S

ENGL396 (PermReq) Intermediate Fiction Workshop; Grade Method: REG/P-F/AUD; Prerequisite: permission of department. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (KEY 0123)		Salamanca, J

ENGL397 (PermReq) Intermediate Poetry Workshop; Grade Method: REG/P-F/AUD; Prerequisite: permission of department. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (TLF 1102)		Jellema, R

ENGL399A (PermReq) Senior Seminar: Images of Aging; Grade Method: REG; — 3 credits

0101	TuTh.....9:30am-10:45am (TLF 0135)		Beauchamp, V
0102	TuTh.....2:00pm- 3:15pm (TLF 2137)		Beauchamp, V

ENGL399B (PermReq) Senior Seminar: American Women Writers and Modernism; Grade Method: REG; — 3 credits

0101	TuTh.....11:00am-12:15pm (TLF 2137)		Peterson, C

ENGL399C Senior Seminar: Women's Autobiographies; Grade Method: REG; — 3 credits
(PermReq)
0101 MW.....11:30am-12:45pm (TLF 0135) — Leonardi, S

ENGL399D Senior Seminar: The Harlem Renaissance; Grade Method: REG; — 3 credits
(PermReq)
0101 MW.....10:00am-11:15am (TLF 0135) — Subaraman, S

ENGL399E Senior Seminar: Paradise Lost and the Restoration, Probems of Interpretation; Grade Method: REG; — 3 credits
(PermReq)
0101 MW.....11:30am-12:45pm (TLF 2137) — Hamilton, G

ENGL399F Senior Seminar: The Irish Renaissance; Grade Method: REG; — 3 credits
(PermReq)
0101 MW.....1:00pm- 2:15pm (TLF 0135) — Loizeaux, E

ENGL399G Senior Seminar: American Visions: Literary Representations of American Society, 1798-1883; Grade Method: REG; — 3 credits
(PermReq)
0101 MW.....2:00pm- 3:15pm (TLF 2137) — Bennett, M

ENGL399I Senior Seminar: Spenser's Faerie Queene in its Historical Context; Grade Method: REG; — 3 credits
(PermReq)
0101 TuTh.....9:30am-10:45am (TLF 2137) — Cooper Jr., S

ENGL399X Senior Seminar: Britain in the Age of Revolution; Grade Method: REG; For English honors students. — 3 credits
(PermReq)
0101 TuTh.....9:30am-10:45am (TLF 3100) — Carretta, V

ENGL399Y Senior Seminar: Shakespeare's Plays in the Context of Renaissance Women's Culture; Grade Method: REG; For English honors students. — 3 credits
(PermReq)
0101 TuTh.....11:00am-12:15pm (TLF 0135) — Donawerth, J

ENGL399Z Senior Seminar: Feminism and Literary Theory; Grade Method: REG; For English honors students. — 3 credits
(PermReq)
0101 MW.....10:00am-11:15am (TLF 2137) — Lanser, S

ENGL403 Shakespeare; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (TLF 1104) — Leinwand, T
0201 TuTh.....2:00pm- 3:15pm (TLF 1101) — Hamilton, D

ENGL404 Shakespeare; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 1101) — Leinwand, T
0201 TuTh.....11:00am-12:15pm (TLF 1101) — Olmert, M
0301 TuTh.....12:30pm- 1:45pm (TLF 1101) — Olmert, M

ENGL412 Literature of the Seventeenth Century, 1600-1660; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 1103) — Wilson, G

ENGL418 Major British Writers: Chaucer and Malory; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (TLF 0103) — Birdsall, E

ENGL419A Major British Writers: Austen and the Brontes; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 0102) — Cate, G

ENGL419B Major British Writers: James Joyce and Samuel Beckett; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 1102) — Kleine, D

ENGL423 Literature of the Victorian Period; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0116) — Cate, G

ENGL430 American Literature, Beginning to 1810, the Colonial and Federal Periods; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 2110) — Bennett, M

ENGL432 American Literature, 1865 to 1914, Realism and Naturalism; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: two literature courses. — 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 2101) — Davis, K
0201 MWF.....2:00pm- 2:50pm (TLF 2103) — Davis, K

ENGL433 American Literature, 1914 to the Present, the Modern Period; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (TLF 0110) — Van Egmond, P

ENGL434 American Drama; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....2:00pm- 2:50pm (TLF 1103) — Robinson, J

ENGL437 Contemporary American Literature; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (KEY 0125) — Moore, T

ENGL439A Major American Writers After 1865: Fitzgerald and Hemingway; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TLF 0102) — Bryer, J

ENGL439B Major American Writers After 1865: Faulkner and Welty; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 2103) — Lawson, L

ENGL439C Major American Writers After 1865: Joan Didion, Willa Cather and Mary Austin; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TLF 2103) — Kornblatt, J

ENGL440 The Novel in America to 1910; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 2103) — Auchard, J

ENGL441 The Novel in America Since 1910; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (TLF 2101) — Subaraman, S
0201 TuTh.....12:30pm- 1:45pm (TLF 0110) — Subaraman, S

ENGL442 Literature of the South; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (TLF 0102) — Lawson, L

ENGL446 Contemporary British and American Poetry; Grade Method: REG/P-F/AUD; Prerequisite: permission of department required for students with credit in ENGL 345. — 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 1104) — Jellema, R

ENGL453 Literary Criticism; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 0103) — Barry, J

ENGL457 The Modern Novel; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 0103) — Isaacs, N

ENGL461 Folk Narrative; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (TLF 1103) — Fry, G

ENGL462 Folksong and Ballad; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 0110) — Pearson, B

ENGL466 Arthurian Legend; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0125) — Herman, H

ENGL477 Studies in Mythmaking; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0119) — Flieger, V
0201 TuTh.....2:00pm- 3:15pm (TYD 1132) — Norman, H

ENGL478A Selected Topics in English and American Literature Before 1800: The Old Testament as Literature; Grade Method: REG; — 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 1103) — Handelman, S

ENGL479B Selected Topics in English and American Literature After 1800: Linguistic Approaches to Literature; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TLF 1103) — Coleman, L

ENGL489A Special Topics in English Language: The Language of Advertising; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: 2 literature courses. — 3 credits
0101 MWF.....2:00pm- 2:50pm (TLF 2101) — James, E

ENGL489C Special Topics in English Language: The Language of the Law; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: 2 literature courses. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TLF 0103) — Miller, M
0201 TuTh.....3:30pm- 4:45pm (WDS 1130) — STAFF

ENGL493 Advanced Expository Writing; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....9:00am-11:00am (KEY 0120) — Scheltema, M
Time and room to be arranged DIS
0201 W.....9:00am-11:00am (KEY 0120) — Scheltema, M
Time and room to be arranged LAB
0301 TuTh.....12:30pm- 1:45pm (KEY 0120) — Johnson, J

ENGL494 Editing and Document Design; Grade Method: REG; Prerequisite: ENGL 391, ENGL 393 or equivalent. For ENGL majors only. — 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0117) — Shapiro, N

ENGL601 Bibliography and Methods; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:00pm (TLF 0135) — Leonardi, S
Time and room to be arranged LAB

ENGL607 Readings in the History of Rhetorical Theory to 1900; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:00pm (TLF 1104) — Donawerth, J
Time and room to be arranged DIS

ENGL621 Readings in Renaissance English Literature; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:00pm (TLF 0108) — Hamilton, D
Time and room to be arranged LAB

ENGL626 Readings in American Literature Before 1865; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:00pm (TLF 2101) — Vitzthum, R
Time and room to be arranged DIS

ENGL630 Readings in 20th Century English Literature; Grade Method: REG/AUD; — 3 credits
0101 M.....4:00pm- 6:00pm (TLF 0135) — Kleine, D
Time and room to be arranged DIS

ENGL631 Readings in 20th Century American Literature; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:00pm (TLF 0135) — Caramello, C
Time and room to be arranged DIS

ENGL688 (PermReq) Poetry Workshop; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:30pm (KEY 0123) — Collier, M
0201 Tu.....4:00pm- 6:30pm (TLF 3100) — Plumly, S

ENGL689 (PermReq) Fiction Workshop; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:30pm (TLF 0135) — Kornblatt, J
0201 Tu.....4:00pm- 6:30pm (KEY 0125) — Norman, H

ENGL699 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ENGL718 (PermReq) Seminar in Medieval Literature: Chaucer; Grade Method: REG/AUD; — 3 credits
0101 M.....4:00pm- 6:00pm (TLF 2137) — Rutherford, C
Time and room to be arranged DIS

ENGL729 Seminar in Eighteenth-Century Literature: Samuel Johnson; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:00pm (TLF 2137) — Marcuse, M
Time and room to be arranged DIS

ENGL739 Seminar in Nineteenth-Century Literature: Race, Gender, and Empire in Victorian Culture; Grade Method: REG/AUD; — 3 credits
0101 Th.....1:00pm- 3:00pm (TLF 0135) — David, D
Time and room to be arranged DIS

ENGL748 Seminar in American Literature: Black and White Women in 19th Century America; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:00pm (TLF 0135) — Peterson, C
Time and room to be arranged DIS

ENGL749 Studies in Twentieth-Century Literature: Commonwealth Literature; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:00pm (TLF 2137) — Russell, J
Time and room to be arranged DIS

ENGL768 Studies in Drama: Drama After Beckett; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:00pm (TLF 2137) — Freedman, M
Time and room to be arranged DIS

ENGL778 Seminar in Folklore: Folklore and (PermReq) Mythology in World Literature; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:00pm (TLF 0135) — Pearson, B
Time and room to be arranged DIS

ENGL779 (PermReq) Seminar in Language Study: Sociolinguistics; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:00pm (TLF 3113) — Miller, M
Time and room to be arranged DIS

ENGL789 (PermReq) Form and Theory in Fiction; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:00pm (TLF 1102) — Norman, H
Time and room to be arranged DIS

ENGL799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENGL819A (PermReq) Seminar in Themes and Types in English Literature: Erasmus; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:00pm (TLF 3100) — Coogan, R
Time and room to be arranged DIS

ENGL819B (PermReq) Seminar in Themes and Types in English Literature: milton; Grade Method: REG/AUD; — 3 credits
0101 M.....4:00pm- 6:00pm (TLF 3100) — Grossman, M
Time and room to be arranged DIS

ENGL828A (PermReq) Seminar in Themes and Types in American Literature: The Novel of Manners in America; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:00pm (TLF 3100) — Bryer, J
Time and room to be arranged DIS

ENGL828B (PermReq) Seminar in Themes and Types in American Literature: Studies in Fiction; Grade Method: REG/AUD; — 3 credits
0101 W.....1:00pm- 3:00pm (TLF 3100) — Lanser, S
Time and room to be arranged DIS

ENGL828C (PermReq) Seminar in Themes and Types in American Literature: Henry James and the Man or Woman of Letters; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:00pm (TLF 2137) — Caramello, C
Time and room to be arranged DIS

ENGL828D (PermReq) Seminar in Themes and Types in American Literature: The American 1920's; Grade Method: REG/AUD; — 3 credits
0101 Tu.....12:30pm- 2:30pm (TLF 0135) — Wyatt, D
Time and room to be arranged DIS

ENGL899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

ENMA Engineering, Materials (Engineering)

ENMA300 (PermReq) Materials Science and Engineering; Grade Method: REG; Prerequisite: ENES 220. Credit will be granted for only one of the following: ENMA 300 or ENME 300. — 3 credits
0101 Time and room to be arranged — Wuttig, M

ENMA464 (PermReq) Environmental Effects on Engineering Materials; Grade Method: REG/P-F/AUD; Prerequisite: ENES 230 or permission of both department and instructor. — 3 credits
0101 MW.....6:30pm- 7:45pm (CHE 2120) — Lashmore, D

ENMA471 (PermReq) Physical Chemistry of Engineering Materials; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (CHE 2118) — Ankem, S

ENMA473 Processing of Engineering Materials; Grade Method: REG/P-F/AUD; — 3 credits
0101 Time and room to be arranged — Arsenault, R

ENMA489 Selected Topics in Engineering Materials: Intermediate Ceramics; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....3:30pm- 5:00pm (CHE 2140) — Lloyd, I

ENMA651 (PermReq) Electronic Structure of Engineering Materials; Grade Method: REG/AUD; Prerequisite: ENMA 650. — 3 credits
0101 TuTh.....5:00pm- 6:30pm (CHE 2136) — Salamanca-Young

ENMA661 (PermReq) Kinetics of Reactions in Materials; Grade Method: REG/AUD; Prerequisite: ENMA 660. Advanced special students require department authorization. — 3 credits
0101 MW.....7:45pm- 9:00pm (CHE 2120) — Roytburd, A

ENMA671 (PermReq) Dislocations in Crystalline Materials; Grade Method: REG/AUD; Prerequisite: ENMA 650. Advanced special students require department authorization. — 3 credits
0101 MW.....5:00pm- 6:30pm (CHE 2145) — Arsenault, R

ENMA698 (PermReq) Special Problems in Engineering Materials; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

ENMA799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENMA899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

ENME Engineering, Mechanical (Engineering)

ENME201 (PermReq) Mechanical Engineering Project; Grade Method: S-F; — 1 credit
0101 M.....12:00pm-12:50pm (CHM 0115) — STAFF
Time and room to be arranged LAB

ENME205 (PermReq) Engineering Analysis and Computer Programming; Grade Method: REG/P-F/AUD; Pre- or corequisite: MATH 241. — 3 credits
0101 MW.....9:00am- 9:50am (CHM 0115) — STAFF
Th.....11:00am-12:50pm (CHM 0124) DIS
0102 MW.....9:00am- 9:50am (CHM 0115) — STAFF
Th.....1:00pm- 2:50pm (EGR 3111) DIS

ENME217 (PermReq) Thermodynamics; Grade Method: REG/P-F/AUD; Prerequisites: PHYS 262; and MATH 141. — 3 credits
0101 MW.....10:00am-10:50am (EGR 1202) — STAFF
M.....1:00pm- 2:50pm (CHE 2145) DIS
0102 MW.....10:00am-10:50am (EGR 1202) — STAFF
Tu.....11:00am-12:50pm (EGR 0104) DIS
0103 MW.....10:00am-10:50am (EGR 1202) — STAFF
Tu.....1:00pm- 2:50pm (EGR 2112) DIS
0104 MW.....10:00am-10:50am (EGR 1202) — STAFF
W.....1:00pm- 2:50pm (EGR 2112) DIS
0105 MW.....10:00am-10:50am (EGR 1202) — STAFF
Th.....11:00am-12:50pm (EGR 2112) DIS

ENME310 (PermReq) Mechanics of Deformable Solids; Grade Method: REG/P-F/AUD; Prerequisite: ENES 220. — 3 credits
0101 MWF.....9:00am- 9:50am (EGR 3110) — STAFF
0201 MWF.....10:00am-10:50am (EGR 0108) — STAFF
0301 MWF.....11:00am-11:50am (EGR 0108) — STAFF

ENME311 (PermReq) Mechanics of Deformable Solids Laboratory; Grade Method: REG/P-F/AUD; Corequisite: ENME 310. — 1 credit
0101 W.....12:00pm-12:50pm (CHM 0115) — STAFF
M.....1:00pm- 3:00pm (EGL 0102) LAB
0102 W.....12:00pm-12:50pm (CHM 0115) — STAFF
Tu.....1:00pm- 3:00pm (EGL 0102) LAB
0103 W.....12:00pm-12:50pm (CHM 0115) — STAFF
W.....1:00pm- 3:00pm (EGL 0102) LAB
0104 W.....12:00pm-12:50pm (CHM 0115) — STAFF
Th.....1:00pm- 3:00pm (EGL 0102) LAB

ENME315 (PermReq) Intermediate Thermodynamics; Grade Method: REG/P-F/AUD; Prerequisite: ENME 217. — 3 credits
0101 MWF.....9:00am- 9:50am (EGR 2154) — STAFF
0201 MWF.....10:00am-10:50am (EGR 1120) — STAFF
0301 MWF.....11:00am-11:50am (EGR 1126) — STAFF

ENME320 (PermReq) Thermodynamics; Grade Method: REG/P-F/AUD; Prerequisites: MATH 141; and PHYS 262. — 3 credits
0101 MWF.....9:00am- 9:50am (EGR 2112) — STAFF
0201 MWF.....10:00am-10:50am (EGR 3110) — STAFF

ENME321 (PermReq) Transfer Processes; Grade Method: REG/P-F/AUD; Prerequisite: ENME 342. — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 0110) — STAFF
0201 MWF.....10:00am-10:50am (EGR 1126) — STAFF

ENME342 (PermReq) Fluid Mechanics I; Grade Method: REG/P-F/AUD; Prerequisite: ENME 217. Prerequisite: ENME 217. — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 1104) — STAFF
0201 TuTh.....11:00am-12:15pm (EGR 0110) — STAFF
0301 TuTh.....11:00am-12:15pm (EGR 1126) — STAFF

ENME343 (PermReq) Fluid Mechanics Laboratory; Grade Method: REG/P-F/AUD; Corequisite: ENME 342. — 1 credit
0101 M.....12:00pm-12:50pm (CHM 1402) — STAFF
M.....1:00pm- 3:00pm (EGR 0104) LAB
0102 M.....12:00pm-12:50pm (CHM 1402) — STAFF
Tu.....1:00pm- 3:00pm (EGR 0104) LAB
0103 M.....12:00pm-12:50pm (CHM 1402) — STAFF
W.....1:00pm- 3:00pm (EGR 0104) LAB
0104 M.....12:00pm-12:50pm (CHM 1402) — STAFF
F.....1:00pm- 3:00pm (EGR 0104) LAB

ENME360 (PermReq) Dynamics of Machinery; Grade Method: REG/P-F/AUD; Prerequisites: ENES 220; and ENES 221; and MATH 246. — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 3108) — STAFF
0201 TuTh.....9:30am-10:45am (EGR 1120) — STAFF
0301 TuTh.....11:00am-12:15pm (EGR 1104) — STAFF

ENME381 (PermReq) Measurements Laboratory; Grade Method: REG/P-F/AUD; Prerequisites: ENME 360; and ENEE 300. — 3 credits
0101 TuTh.....11:00am-11:50am (CHE 2108) — STAFF
Tu.....12:30pm- 3:30pm (EGL 1187) LAB
0102 TuTh.....11:00am-11:50am (CHE 2108) — STAFF
Th.....12:30pm- 3:30pm (EGL 1187) LAB
0103 TuTh.....11:00am-11:50am (CHE 2108) — STAFF
F.....12:30pm- 3:30pm (EGL 1187) LAB

ENME400 (PermReq) Machine Design; Grade Method: REG/P-F/AUD; Prerequisites: ENME 310; and ENME 360. Corequisite: ENME 401. — 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 2112) — STAFF
0201 TuTh.....9:30am-10:45am (EGR 2112) — STAFF

ENME401 (PermReq) The Structure and Properties of Engineering Materials; Grade Method: REG/P-F/AUD; Corequisite: ENME 310. — 3 credits
0101 MWF.....10:00am-10:50am (EGR 0110) — STAFF
0201 MWF.....11:00am-11:50am (EGR 1104) — STAFF

ENME403 (PermReq) Automatic Controls; Grade Method: REG/P-F/AUD; Prerequisites: ENEE 300; and ENME 380. Senior standing. — 3 credits
0101 MWF.....9:00am- 9:50am (EGR 1104) — STAFF
0201 MWF.....10:00am-10:50am (EGR 3106) — STAFF

ENME404 (PermReq) Mechanical Engineering Systems Design; Grade Method: REG/P-F/AUD; Prerequisites: ENME 400 or ENME 405; and senior standing in mechanical engineering. Limited to May graduates. — 4 credits
0101 TuTh.....11:00am-11:50am (CHE 2110) — STAFF
TuTh.....12:30pm- 3:30pm (CHE 2110) LAB

ENME405 (PermReq) Energy Conversion Design; Grade Method: REG/P-F/AUD; Prerequisite: senior standing in mechanical engineering. — 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 2154) — STAFF
0201 MWF.....11:00am-11:50am (EGR 2154) — STAFF

ENME408 (PermReq) Selected Topics in Engineering Design; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 1126) — STAFF

ENME414 (PermReq) Computer-Aided Design; Grade Method: REG/P-F/AUD; Prerequisites: ENME 205; and MATH 241 or equivalent. Design technical elective. Special permission required from instructor. — 3 credits
0201 MWF.....10:00am-10:50am (EGR 2112) — STAFF

ENME422 (PermReq) Energy Conversion II; Grade Method: REG/P-F/AUD; Prerequisite: ENME 315. — 3 credits
0101 MWF.....12:00pm-12:50pm (EGR 2112) — STAFF

ENME423 (PermReq) Environmental Engineering; Grade Method: REG/P-F/AUD; Prerequisites: ENME 321 and senior standing in mechanical engineering. Design technical elective. — 3 credits

0101 TuTh.....9:30am-10:45am (EGR 2154) STAFF

ENME470 (PermReq) Finite Element Analysis; Grade Method: REG/P-F/AUD; Prerequisites: ENME 310; and ENME 321. 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 1126) STAFF

ENME475 (PermReq) Robotics; Grade Method: REG/P-F/AUD; Prerequisites: ENME 380; and ENEE 300. 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 1126) STAFF

ENME480 (PermReq) Engineering Experimentation; Grade Method: REG/P-F/AUD; Senior standing in mechanical engineering. Limited to May graduates. 3 credits
0101 F.....1:00pm- 1:50pm (CHM 1402) STAFF
MW.....1:00pm- 3:30pm (CHE 2110) LAB

ENME488 (PermReq) Special Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to mechanical engineering seniors. 3 credits

ENME489 (PermReq) Special Topics in Mechanical Engineering; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ENME489G (PermReq) Special Topics in Mechanical Engineering: Fluid Machinery; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 2107) STAFF

ENME489M (PermReq) Special Topics in Mechanical Engineering: Reliability Engineering; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (EGR 0104) STAFF

ENME600 (PermReq) Design with Advanced Technology; Grade Method: REG/AUD; Prerequisite: undergraduate course in machine design. 3 credits
0101 MW.....6:30pm- 7:45pm (EGR 2154) STAFF
0201 MW.....6:30pm- 7:45pm (EGR 3110) STAFF

ENME607 (PermReq) Systems Integration and Simulation; Grade Method: REG/AUD; Prerequisite: ENME 605. 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 1104) STAFF

ENME612 (PermReq) Mechanical Packaging of Advanced Electronic Systems; Grade Method: REG/AUD; 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 2107) STAFF

ENME615 (PermReq) Manufacturing Resource Planning Systems; Grade Method: REG/AUD; 3 credits
0101 TuTh.....6:30pm- 7:45pm (Arranged) STAFF

ENME632 (PermReq) Advanced Convection Heat Transfer; Grade Method: REG/AUD; Prerequisites: ENME 315; and ENME 342; and ENME 343; and ENME 700. 3 credits
0101 MW.....6:30pm- 7:45pm (EGR 2107) STAFF

ENME633 (PermReq) Advanced Classical Thermodynamics; Grade Method: REG/AUD; Prerequisite: ENME 315. 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 2154) STAFF

ENME647 (PermReq) Multiphase Flow and Heat Transfer; Grade Method: REG/AUD; Prerequisites: ENME 321; and ENME 342 or equivalent. 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 3102) STAFF

ENME655 (PermReq) Topics in Viscous Flow; Grade Method: REG/AUD; Prerequisite: ENME 652 or equivalent. 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 2107) STAFF

ENME664 (PermReq) Dynamics; Grade Method: REG/AUD; 3 credits
0101 MW.....8:00am- 9:15am (EGR 2107) STAFF

ENME665 (PermReq) Advanced Topics in Vibrations; Grade Method: REG/AUD; Prerequisite: ENME 662. 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 2112) STAFF

ENME680 (PermReq) Experimental Mechanics; Grade Method: REG/AUD; Prerequisite: undergraduate course in instrumentation or equivalent. 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 1124) STAFF

ENME682 (PermReq) Nonlinear Solids; Grade Method: REG/AUD; Prerequisite: ENME 700. 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 0102) STAFF

ENME701 (PermReq) Advanced Mechanical Engineering Analysis II; Grade Method: REG/AUD; 3 credits
0101 MW.....6:30pm- 7:45pm (EGR 3106) STAFF

ENME703 (PermReq) Mechanical Engineering Laboratory; Grade Method: REG/AUD; Prerequisite: an undergraduate course in instrumentation or equivalent. 3 credits
0101 TuTh.....3:30pm- 6:15pm (EGR 0104) STAFF

ENME788X (PermReq) Seminar; Grade Method: REG/AUD; 1-3 credits
0101 Time and room to be arranged STAFF

ENME799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENME808 (PermReq) Advanced Topics in Mechanical Engineering; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged STAFF

ENME808A (PermReq) Advanced Topics in Mechanical Engineering: Computational Methods in Fluid Mechanics; Grade Method: REG/AUD; 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 2112) STAFF

ENME808G Advanced Topics in Mechanical Engineering: Advanced Mechanisms and Robot Manipulators; Grade Method: REG/AUD; 3 credits
0101 MW.....5:00pm- 6:15pm (ITV 1100) STAFF

ENME808R Advanced Topics in Mechanical Engineering: Combustion Science; Grade Method: REG/AUD; 3 credits
0101 TuTh.....6:30pm- 7:45pm (EGR 1124) Gore, J

ENME899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course; contact department or instructor to obtain section number. 1-8 credits

---

ENNU Engineering, Nuclear (Engineering)

ENNU215 (PermReq) Introduction to Nuclear Technology; Grade Method: REG/P-F/AUD; Prerequisites: MATH 141; and PHYS 161. 3 credits
0101 MWF.....9:00am- 9:50am (CHE 2140) Mosleh, A

ENNU310 (PermReq) Environmental Aspects of Nuclear Engineering; Grade Method: REG/P-F/AUD; Prerequisites: [MATH 241 or MATH 246; and PHYS 263] or permission of both department and instructor. 3 credits
0101 TuTh.....9:30am-10:45am (CHE 2108) Duffey, D

ENNU320 (PermReq) Nuclear Reactor Operation; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....11:00am-11:50am (CHE 2136) Ebert, D
M.....4:30pm- 6:30pm (CHE 1308) LAB
0103 MW.....11:00am-11:50am (CHE 2136) Ebert, D
Th.....1:00pm- 3:00pm (CHE 1308) LAB
0104 MW.....11:00am-11:50am (CHE 2136) Ebert, D
Th.....4:00pm- 6:00pm (CHE 1308) LAB
0105 MW.....11:00am-11:50am (CHE 2136) Ebert, D
F.....9:00am-11:00am (CHE 1308) LAB

ENNU435 (PermReq) Activation Analysis; Grade Method: REG/P-F/AUD; Prerequisite: ENNU 215 or permission of both department and instructor. 3 credits
0101 MWF.....10:00am-10:50am (CHE 2145) Duffey, D

ENNU455 (PermReq) Nuclear Reactor Engineering II; Grade Method: REG/P-F/AUD; Prerequisite: ENNU 450. 3 credits
0101 TuTh.....9:30am-10:45am (CHE 2120) Almenas, K

ENNU460 (PermReq) Nuclear Heat Transport; Grade Method: REG/P-F/AUD; Prerequisite: ENNU 450. 3 credits
0101 TuTh.....2:30pm- 3:45pm (CHE 2136) Hsu, Y

ENNU465 (PermReq) Nuclear Reactor Systems Analysis; Grade Method: REG/P-F/AUD; Prerequisites: [MATH 246; and PHYS 263; and ENNU 455] or permission of department. 3 credits
0101 TuTh.....4:00pm- 5:15pm (CHE 2120) Pertmer, G

ENNU468 (PermReq) Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 2-3 credits

ENNU468F (PermReq) Research: Design in Nuclear Engineering; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Pertmer, G

ENNU490 (PermReq) Nuclear Fuel and Power Management; Grade Method: REG/P-F/AUD; Prerequisites: [ENNU 460; and ENNU 480] or permission of both department and instructor. 3 credits
0101 TuTh.....1:00pm- 2:15pm (CHE 2108) Graves Jr., H

ENNU609 Seminar in Nuclear Engineering; Grade Method: REG/AUD; 1 credit
0101 Tu.....11:00am-11:50am (CHE 2117) Modarres, M

ENNU630 Nuclear Reactor Physics I; Grade Method: REG/AUD; Prerequisite: ENNU 450 or permission of both department and instructor. 3 credits
0101 MW.....5:15pm- 6:30pm (CHE 2118) Lee, R

ENNU648 Special Problems in Nuclear Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

ENNU648B Special Problems in Nuclear Engineering: Advanced Reliability Engineering; Grade Method: REG/AUD; 3 credits
0101 W.....6:30pm- 9:00pm (ITV 1111) Weiss, D

ENNU648D Special Problems in Nuclear Engineering: System Safety Engineering; Grade Method: REG/AUD; 3 credits
0101 Th.....6:30pm- 9:00pm (ITV 1111) Raheja, D

ENNU648E Special Problems in Nuclear Engineering: Reliability Engineering Seminar; Grade Method: REG/AUD; 1 credit
0101 Th.....5:15pm- 6:15pm (CHE 2145) Roush, M

ENNU648G Special Problems in Nuclear Engineering: Advanced Methods in Reliability Modelling; Grade Method: REG/AUD; 3 credits
0101 M.....6:30pm- 9:00pm (ITV 1111) Mosleh, A

ENNU648I Special Problems in Nuclear Engineering: Severe Accident Phenomena; Grade Method: REG/AUD; 3 credits
0101 Th.....5:30pm- 8:00pm (CHE 2140) Modarres, M

ENNU655 Radiation Engineering; Grade Method: REG; Prerequisite: permission of both department and instructor. 3 credits
0101 Tu.....6:45pm- 9:30pm (CHE 2140) Silverman, J

ENNU761 Nuclear Fuel and Waste Processing; Grade Method: REG/AUD; 3 credits
0101 M.....6:30pm- 9:00pm (CHE 2145) Duffey, D

ENNU799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENNU899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

ENTM Entomology (Life Sciences)

ENTM100 Insects; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 MWF.....10:00am-10:50am (SYM 0200) Armstrong, E

ENTM205 Principles of Entomology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 4 credits
0101 MWF.....12:00pm-12:50pm (SYM 0200) Messersmith, D
M.....2:00pm- 4:00pm (SYM 2303) LAB

ENTM252 Agricultural Insect Pests; Grade Method: REG/P-F/AUD; Prerequisite: BIOL 105. Not open to ENTM students. 3 credits
0101 MF.....9:00am- 9:50am (SYM 0200) Harrison, F
F.....10:00am-12:00pm (SYM 2303) LAB

ENTM351 Introduction to Insect Population Management; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (SYM 1308) Harrison, F

ENTM398 General Colloquium in Entomology; Grade Method: REG/P-F/AUD; 1 credit
0101 M.....4:00pm- 4:50pm (SYM 0200) STAFF

ENTM399 (PermReq) Special Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

ENTM432 Insect Physiology; Grade Method: REG/P-F/AUD; Prerequisite: ENTM 205; and CHEM 233; and CHEM 243; or permission of department. 4 credits
0101 MWF.....8:00am- 8:50am (SYM 1308) Ma, M
F.....10:00am-12:00pm (SYM 2300) LAB

ENTM652A Laboratory Methods in Toxicology; Grade Method: REG/AUD; Pre- or corequisite: ENTM 653 or MEES 641 or permission of department. 2 credits
0101 W.....1:00pm- 5:00pm (SYM 2300) Nelson, J

ENTM652B Laboratory Methods in Toxicology; Grade Method: REG/AUD; Pre- or corequisite: ENTM 653 or MEES 641 or permission of department. 1 credit
0101 Meets 01/23/90 - 03/14/90 STAFF
W.....1:00pm- 5:00pm (SYM 2300) LAB

ENTM654 Advanced Pest Management; Grade Method: REG/AUD; Prerequisite: ENTM 454 or equivalent. 3 credits
0101 TuTh.....2:00pm- 2:50pm (SYM 1308) Lamp, W
Th.....3:00pm- 5:00pm (SYM 2303) LAB

ENTM699 (PermReq) Advanced Entomology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENTM788 Entomological Topics: The Analysis of Biosystematic Data; Grade Method: REG/AUD; 3 credits
0101 Tu.....1:00pm- 4:00pm (SYM 2303) Mickevich, M
F.....9:00am-12:00pm (ANS 2105) LAB

ENTM789 Field Experience in Pest Management; Grade Method: REG/AUD; 1-6 credits
0101 Time and room to be arranged Harrison, F
0201 Time and room to be arranged Dively II, G

ENTM798A Topic Seminar: Biosystematics and Morphology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Mitter, C

ENTM798B Topic Seminar: Ecology and Behavior Seminar; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Gross, P

ENTM798F Topic Seminar: Database Use in Entomology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Wilson, A

ENTM799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENTM899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

FDSC Food Science (Agriculture)

FDSC386 Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged Schlimme, D

FDSC387 Field Work Analysis; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged Schlimme, D

FDSC398 Seminar; Grade Method: REG; FDSC majors only. 1 credit
0101 Time and room to be arranged Schlimme, D

FDSC399 (PermReq) Special Problems in Food Science; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

FDSC412 Principles of Food Processing I; Grade Method: REG/AUD; 3 credits
0101 MW.....2:00pm- 2:50pm (HZF 1108) Wiley, R
W.....3:00pm- 5:00pm (HZF 0113) LAB

FDSC422 Food Product Research and Development; Grade Method: REG/AUD; Prerequisite: FDSC 412; and FDSC 413 or permission of department. 3 credits
0101 W.....10:00am-12:00pm (HZF 0113B) Schlimme, D
F.....10:00am-12:00pm (HZF 0113B) LAB

FDSC430 Food Microbiology; Grade Method: REG/AUD; Prerequisite: MICB 200 or equivalent. 2 credits
0101 Th.....9:30am-10:45am (ANS 1109) Westhoff, D

FDSC461 Technology of Market Eggs and Poultry; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....12:00pm-12:50pm (ANS 1109) Heath III, J
F.....12:00pm- 2:00pm (ANS 1150) LAB

FDSC698 Colloquium in Food Science; Grade Method: REG; Majors only. 1 credit
0101 Tu.....4:00pm- 4:50pm (HZF 1101) Marshall, J

FDSC699 (PermReq) Special Problems in Food Science; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

FDSC799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FDSC899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

FMCD Family and Community Development (Human Ecology)

FMCD105 The Individual in the Family; Grade Method: REG/P-F/AUD; For freshmen and sophomores only. 3 credits
0101 MWF.....10:00am-10:50am (ARM 0112) Randolph, S

FMCD202 Methods for Family, Community and Management Studies; Grade Method: REG/P-F/AUD; (Formerly FMCD 270.) 3 credits
0101 TuTh.....2:00pm- 3:15pm (MMH 1400) STAFF

FMCD250 Decision Making in Families and Communities; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 0105) Hanna, W

FMCD260 Interpersonal Life Styles; Grade Method: REG/P-F/AUD; Prerequisite: FMCD 105 or equivalent. 3 credits
0101 TuTh.....11:00am-12:15pm (ARM 0112) Rubin, R

FMCD330 Family Patterns; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; Junior standing. 3 credits
0201 TuTh.....3:30pm- 4:45pm (MMH 1304) Leslie, L

FMCD332 The Child in the Family; Grade Method: REG/P-F/AUD; Prerequisite: FMCD 105 or PSYC 100. For juniors and seniors only. 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0119) Millstein, F

FMCD348 (PermReq) Practicum in Family and Community Development; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Advance written application. Student must arrange schedule to enable appropriate time blocks for experience. Concurrent enrollment in 1-credit of FMCD 349 required with registration in FMCD 348. May be repeated in subsequent semesters in other credit combinations, but must be taken with FMCD 349. Students are encouraged to find internship placements that permit a 12-36 hour per week involvement. Appropriate credits will be rewarded. 4 credits

FMCD349 (PermReq) Analysis of Practicum: Analysis of Internship; Grade Method: REG/P-F/AUD; Advance written application required. Enrollment for one-credit required with first registration in FMCD 348. May be repeated in subsequent semesters, but must be taken with FMCD 348. 1 credit
0101 W.....10:00am-12:00pm (MMH 1206) Millstein, F

FMCD381 Poverty and Affluence Among Families and Communities; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: FMCD 201; or SOCY 100; or SOCY 105. 3 credits
0101 TuTh.....12:30pm- 1:45pm (HBK 0109) Koblinsky, S

FMCD386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with FMCD 387. 1-3 credits

FMCD387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with FMCD 386. 1-3 credits

FMCD399 (PermReq) Independent Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FMCD441 Personal and Family Finance; Grade Method: REG/P-F/AUD; Prerequisite: ECON 201; or ECON 205; or permission of department. 3 credits
0101 MWF.....9:00am- 9:50am (MMH 0108) Churaman, C
0201 MWF.....10:00am-10:50am (MMH 0108) Churaman, C

FMCD443 Consumer Problems; Grade Method: REG/P-F/AUD; Prerequisite: ECON 201; or ECON 205; or permission of department. 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 0101) Churaman, C

FMCD444 Human and Community Program Management; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....6:00pm- 8:45pm (MMH 1304) Cristofar, S

FMCD485 Introduction to Family Counseling; Grade Method: REG/P-F/AUD; Prerequisites: FMCD 431; or PSYC 331; or PSYC 335; or permission of department. 3 credits
0101 M.....11:00am- 2:00pm (MMH 1206) Werlinich, C

FMCD487 Legal Aspects of Family Problems; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: FMCD 105 or SOCY 105. 3 credits
0101 TuTh.....12:30pm- 1:45pm (MMH 1400) Myricks, N

FMCD497 The Child and the Law; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 Tu.....5:00pm- 7:45pm (ASY 2309) Myricks, N

FMCD499T (PermReq) Special Topics: Micro-computer Application in Family and Community Development; Grade Method: REG/AUD; 3 credits
0101 Th.....6:00pm- 8:45pm (WDS 1131) Cristofar, S

FMCD499Y (PermReq) Special Topics: Evaluation of Family and Community Development Programs; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....5:00pm- 7:45pm (MMH 1206) Hanna, W

FMCD604 Integrative Aspects of Family and 3 credits

(PermReq) Community Development; Grade Method: REG/AUD;
0101 Th.....2:00pm- 5:00pm (MMH 1206) Gaylin, N

FMCD610 Research Methods for Family and Community Development; Grade Method: REG/AUD; Prerequisite: satisfactory completion of department competency examination in statistics or an approved statistics course. 3 credits
(PermReq)
0101 F.....9:00am-11:45am (MMH 1206) Koblinsky, S

FMCD641 The - Dynamics of Couple Therapy; Grade Method: REG/AUD; Prerequisite: FMCD 640. 3 credits
(PermReq)
0101 Th.....9:00am-11:45am (MMH 1312) Epstein, N

FMCD651 Clinical Practicum in Family Therapy I; Grade Method: REG/AUD; Prerequisite: FMCD 650. Limited to students admitted to the family therapy practicum. 3 credits
(PermReq)
0101 Tu.....9:00am-11:45am (MMH 1312) Leslie, L

FMCD653 Clinical Practicum in Family Therapy III; Grade Method: REG/AUD; Prerequisite: FMCD 652. Limited to students admitted to the family therapy practicum. 3 credits
(PermReq)
0101 Tu.....9:00am-11:45am (MMH 1206) Gaylin, N

FMCD661 Evaluation of Family and Community Development Programs; Grade Method: REG/AUD; 3 credits
0101 W.....5:00pm- 7:45pm (MMH 1206) Hanna, W

FMCD698 Advanced Topics in Family and Community Development; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson. 1-3 credits
(PermReq)

FMCD698C Advanced Topics in Family and Community Development: Black Church Project; Grade Method: REG; 1-3 credits
(PermReq)
0101 Time and room to be arranged Billingsley, A

FMCD698G Advanced Topics in Family and Community Development: Gender Ethnicity: Family Service Delivery; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 W.....9:00am-11:45am (MMH 1312) Leslie, L

FMCD698T Advanced Topics in Family and Community Development: Micro-computer Application in Family and Community Development; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 Th.....6:00pm- 8:45pm (WDS 1131) Cristofar, S

FMCD698W Advanced Topics in Family and Community Development: Human and Community Program Management; Grade Method: REG/AUD; 1-3 credits
(PermReq)
0101 M.....6:00pm- 8:45pm (WDS 1131) STAFF

FMCD699 Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits
(PermReq)

FMCD699S Independent Study: Theory and Practice of Clinical Supervision; Grade Method: REG/AUD; 1-6 credits
(PermReq)
0101 Time and room to be arranged Gaylin, N

FMCD799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson. 1-6 credits

---

FOLA Foreign Language (Arts and Humanities)

FOLA129 Introductory Middle Eastern Languages II; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Stowasser, K

SELF-INSTRUCTIONAL LANGUAGE PROGRAM. The program is essentially self-instructional. The student supplies a blank tape and in return receives a recorded tape with the week's lessons. There is also a manual designed for self-instruction which the student is required to purchase. A native-speaking tutor will be assigned to drill the student in the material learned from the tape and the accompanying manual. Every effort will be made to arrange drill sessions at times suitable to all participants in the program. Attendance at drill sessions is required of all students. There will be one final examination administered by a qualified examiner appointed by the director. The entire semester's grade will derive from this examination. Enrollment in the program is strictly limited. Application forms available in JMZ 4117. Mandatory orientation and scheduling meeting will be held at beginning of semester. Details posted outside JMZ 4117.

FOLA138A Directed Study of a Foreign Language I: Hungarian I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
(PermReq)
0101 Time and room to be arranged MacBain, W
Time and room to be arranged

FOLA138C Directed Study of a Foreign Language I: Modern Greek I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
(PermReq)
0101 Time and room to be arranged MacBain, W

FOLA138D Directed Study of a Foreign Language I: Dutch I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meetings will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
(PermReq)
0101 Time and room to be arranged MacBain, W

FOLA138F Directed Study of a Foreign Language I: Polish I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA138K Directed Study of a Foreign Language I: Persian I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
(PermReq)
0101 Time and room to be arranged MacBain, W

FOLA138P Directed Study of a Foreign Language I: Hindi I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
(PermReq)
0101 Time and room to be arranged MacBain, W

FOLA138R Directed Study of a Foreign Language I: Turkish I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
(PermReq)
0101 Time and room to be arranged MacBain, W
Time and room to be arranged

FOLA138S Directed Study of a Foreign Language I: Egyptian Arabic I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
(PermReq)
0101 Time and room to be arranged MacBain, W

FOLA139A Directed Study of a Foreign Language II: Hungarian II; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
(PermReq)
0101 Time and room to be arranged MacBain, W
Time and room to be arranged

FOLA139C Directed Study of a Foreign Language II: Modern Greek II; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 138C or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
(PermReq)
0101 Time and room to be arranged MacBain, W

FOLA139D Directed Study of a Foreign Language II: Dutch II; Grade Method: REG/P-F/AUD; By permission only. Prerequisite: FOLA 138D or consent of director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
(PermReq)
0101 Time and room to be arranged MacBain, W

FOLA139F Directed Study of a Foreign Language II: Polish II; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 138F or consent of director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
(PermReq)
0101 Time and room to be arranged LAB MacBain, W

FOLA139K Directed Study of a Foreign Language II: Persian II; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 138K or consent of director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
(PermReq)
0101 Time and room to be arranged LAB MacBain, W

FOLA139P Directed Study of a Foreign Language II: Hindi II; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 138P or consent of director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
(PermReq)
0101 Time and room to be arranged MacBain, W

FOLA139R Directed Study of a Foreign Language II: Turkish II; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 138R or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
(PermReq)
0101 Time and room to be arranged MacBain, W
Time and room to be arranged

FOLA139S Directed Study of a Foreign Language II: Egyptian Arabic II; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 138S or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
(PermReq)
0101 Time and room to be arranged LAB MacBain, W

FOLA148A Directed Study of a Foreign Language III: Hungarian III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 138S or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
(PermReq)
0101 Time and room to be arranged MacBain, W
Time and room to be arranged

FOLA148C Directed Study of a Foreign Language III: Modern Greek III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139C or FOLA 158C or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
(PermReq)
0101 Time and room to be arranged LAB MacBain, W

FOLA148D Directed Study of a Foreign Language III: Dutch III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 138S or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
(PermReq)
0101 Time and room to be arranged MacBain, W

FOLA148P Directed Study of a Foreign Language III: Hindi III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139P or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
(PermReq)
0101 Time and room to be arranged LAB MacBain, W
Time and room to be arranged DIS

FOLA149A Directed Study of a Foreign Language IV: Hungarian IV; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 148A or consent of director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatary orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
(PermReq)
0101 Time and room to be arranged LAB MacBain, W
Time and room to be arranged LAB

FOLA149C Directed Study of a Foreign Language IV: Modern Greek IV; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 148C or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
(PermReq)
0101 Time and room to be arranged MacBain, W

FOLA149D Directed Study of a Foreign Language IV: Dutch IV; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 148D or consent of director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 3 credits
(PermReq)
0101 Time and room to be arranged LAB MacBain, W

FOLA149F Directed Study of a Foreign Language IV: 3 credits

(PermReq) Polish IV; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 148F or consent of program director. All students planning to take this course must complete application (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program.
0101 Time and room to be arranged LAB MacBain, W

FOLA149P Directed Study of a Foreign Language IV: 3 credits
(PermReq) Hindi IV; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 148P or consent of director. All students planning to take this course must complete application form(available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program.
0101 Time and room to be arranged LAB MacBain, W

FOLA149Q Directed Study of a Foreign Language IV: 3 credits
(PermReq) Norwegian IV; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 148Q or consent of director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program.
0101 Time and room to be arranged Yaramanoglu, N

FOLA149U Directed Study of a Foreign Language IV: 3 credits
(PermReq) Korean IV; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 148U or consent of director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program.
0101 Time and room to be arranged MacBain, W

FOLA158C Directed Study of a Foreign Language 6 credits
(PermReq) (Intensive) I: Elementary Modern Greek; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program.
0101 Time and room to be arranged MacBain, W
Time and room to be arranged

FOLA158D Directed Study of a Foreign Language 6 credits
(PermReq) (Intensive) I: Elementary Dutch; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program.
0101 Time and room to be arranged LAB MacBain, W

FOLA158F Directed Study of a Foreign Language 6 credits
(PermReq) (Intensive) I: Elementary Polish; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program.
0101 Time and room to be arranged LAB MacBain, W

FOLA158K Directed Study of a Foreign Language 6 credits
(PermReq) (Intensive) I: Elementary Persian; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program.
0101 Time and room to be arranged LAB MacBain, W

FOLA158P Directed Study of a Foreign Language 6 credits
(PermReq) (Intensive) I: Elementary Hindi; Grade Method: REG/P-F/AUD; Students may register for FOLA 158P or 158X, not both. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program.
0101 Time and room to be arranged MacBain, W
Time and room to be arranged

FOLA158R Directed Study of a Foreign Language 6 credits
(PermReq) (Intensive) I: Elementary Turkish; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program.
0101 Time and room to be arranged LAB MacBain, W

FOLA158X Directed Study of a Foreign Language 6 credits
(PermReq) (Intensive) I: Elementary Urdu; Grade Method: REG/P-F/AUD; Students may register for FOLA 158X or 158P, not both. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program.
0101 Time and room to be arranged LAB MacBain, W

FOLA159C Directed Study of a Foreign Language 6 credits
(PermReq) (Intensive) II: Intermediate Greek; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program.
0101 Time and room to be arranged MacBain, W

FOLA159F Directed Study of a Foreign Language 6 credits
(PermReq) (Intensive) II: Intermediate Polish; Grade Method: REG/P-F/AUD;
0101 Time and room to be arranged MacBain, W

FOLA159K Directed Study of a Foreign Language 6 credits
(PermReq) (Intensive) II: Intermediate Persian; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 138S or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program.
0101 Time and room to be arranged LAB MacBain, W

FOLA159P Directed Study of a Foreign Language 6 credits
(PermReq) (Intensive) II: Intermediate Hindi; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program.
0101 Time and room to be arranged MacBain, W
Time and room to be arranged
Time and room to be arranged

FOLA159X Directed Study of a Foreign Language 6 credits
(PermReq) (Intensive) II: Intermediate Urdu; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 158X or 158P or consent of program director. All students planning to take this course must complete an application (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program.
0101 Time and room to be arranged LAB MacBain, W

FOLA329 Advanced Middle Eastern Languages II; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....12:00pm- 1:15pm (KEY 1118) Stowasser, K

FOLA386 Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
(PermReq)
0101 Time and room to be arranged MacBain, W

FOLA387 Field Work Analysis; Grade Method: 1-3 credits
(PermReq) REG/P-F/AUD;
0101 Time and room to be arranged MacBain, W

FOLA389V Foreign Civilization: The Viking Era; 3 credits
Grade Method: REG/P-F/AUD;
0101 MWF.....1:00pm- 1:50pm (JMZ 2206) Fleck, J

FOLA408T Foreign Language I: Advanced Translation with Emphasis on Foreign Affairs; Grade 3 credits
Method: REG/P-F/AUD;
0101 MWF.....2:00pm- 2:50pm (JMZ 2102) Mossman, C

FOLA409K Foreign Language II: Intermediate Korean; 3 credits
Grade Method: REG/P-F/AUD;
0101 Time and room to be arranged Lee, K

FOOD Food (Human Ecology)

FOOD110 Food for People; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;
0101 TuTh.....12:30pm- 1:45pm (SYM 0200) Cook, P

FOOD210 Scientific Principles of Food Preparation and Management; Grade Method: REG/P-F/AUD; 4 credits
Prerequisite: NUTR 100 or NUTR 200 or FOOD 110.
0101 TuTh.....9:30am-10:45am (LEF 1210) Curtis, S
W.....9:00am-12:00pm (MMH 3401) LAB

FOOD240 Science of Food I; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Pre- or corequisite: CHEM 233 or CHEM 104.
0101 TuTh.....9:00am- 9:50am (MMH 3418) Karahadian, C
M.....2:00pm- 5:00pm (MMH 3401) LAB

FOOD250 Science of Food II; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Prerequisite: FOOD 240. For department majors only.
0101 TuTh.....1:00pm- 1:50pm (MMH 3418) Choi, Y
W.....2:00pm- 5:00pm (MMH 3401) LAB
0102 TuTh.....1:00pm- 1:50pm (MMH 3418) Choi, Y
Th.....2:00pm- 5:00pm (MMH 3401) LAB

FOOD450 Advanced Food Science II; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Prerequisite: FOOD 440 or equivalent.
0101 Th.....4:00pm- 5:00pm (MMH 3407) Curtis, S
TuTh.....1:00pm- 4:00pm (MMH 3407) LAB

FOOD498L Selected Topics: Computer Applications in 1 credit
(PermReq) HNFS; Grade Method: REG/P-F/AUD; Open to HNFS majors only.
0101 W.....2:00pm- 5:00pm (MMH 1314) STAFF

FOOD640 Food Enzymes; Grade Method: REG/AUD; 3 credits
Prerequisite: FOOD 440 or equivalent.
0101 W.....6:00pm- 8:45pm (MMH 3418) Choi, Y

FOOD650 Advanced Experimental Food; Grade Method: 3 credits
REG/AUD;
0101 Th.....4:00pm- 5:00pm (MMH 3407) Curtis, S
TuTh.....1:00pm- 4:00pm (MMH 3407) LAB

FOOD660 Research Methods; Grade Method: REG/AUD; 3 credits
Prerequisite: a statistics course.
0101 TuTh.....5:00pm- 6:15pm (MMH 3418) Castonguay, T

FOOD675 Current Issues in Food, Nutrition, and 3 credits
Foodservice Administration; Grade Method: REG/AUD; Prerequisite: At least 3 credits of graduate-level coursework in FOOD, NUTR, or FSAD.
0101 M.....5:30pm- 8:15pm (MMH 0108) Ahrens, R

FOOD688 Seminar; Grade Method: REG/AUD; 1 credit
0101 Tu.....4:00pm- 4:50pm (MMH 3418) Norton, V

FOOD789 Non-Thesis Research; Grade Method: S-F; 1-3 credits
Individual Instruction course: contact department or instructor to obtain section number.

FOOD799 Master's Thesis Research; Grade Method: 1-6 credits
REG; Individual Instruction course: contact department or instructor to obtain section number.

FOOD888 Doctoral Seminar; Grade Method: REG/AUD; 1 credit
0101 F.....2:00pm- 4:00pm (MMH 0108) Read, M

FOOD899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

FREN French (Arts and Humanities)

Please note: a booklet fully describing courses to be offered is available in the office of the Department of French and Italian, 3106 Ramon Jimenez Building.

FREN101 Elementary French; Grade Method: 4 credits
REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Not open to students with 2 or more years of high-school level French. Limited to students according to conditions described in the "Foreign Language Placement" section in this schedule. Students must show high school transcript.
0101 MWThF.....8:00am- 8:50am (JMZ 0118) STAFF
Tu.....8:00am- 8:50am (JMZ 1220) LAB
0201 MWF.....9:00am- 9:50am (JMZ 0118) STAFF
Th.....9:00am- 9:50am (JMZ 0118)
Tu.....9:00am- 9:50am (JMZ 1220) LAB
0301 MWF.....10:00am-10:50am (JMZ 1122) STAFF
Th.....10:00am-10:50am (JMZ 1122)
Tu.....10:00am-10:50am (JMZ 1220) LAB
0401 MWThF.....11:00am-11:50am (JMZ 0118) STAFF
Tu.....11:00am-11:50am (JMZ 1220) LAB
0501 MWF.....12:00pm-12:50pm (JMZ 0125) STAFF
Th.....12:00pm-12:50pm (JMZ 0125)
Tu.....12:00pm-12:50pm (JMZ 1220) LAB
0601 MWThF.....1:00pm- 1:50pm (JMZ 0125) STAFF
Tu.....1:00pm- 1:50pm (JMZ 1220) LAB

FREN102 Elementary French; Grade Method: 4 credits
REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: FREN 101 at UMCP or permission of department.
0101 MTuWF.....8:00am- 8:50am (JMZ 0125) STAFF
Th.....8:00am- 8:50am (JMZ 1220) LAB
0201 MTuWF.....9:00am- 9:50am (JMZ 0125) STAFF
Th.....9:00am- 9:50am (JMZ 1220)
0301 MTuWF.....11:00am-11:50am (JMZ 2122) STAFF
Th.....11:00am-11:50am (JMZ 1220)
0401 MTuWF.....1:00pm- 1:50pm (JMZ 0118) STAFF
Th.....1:00pm- 1:50pm (JMZ 1220) LAB

FREN103 Review of Elementary French; Grade Method: 4 credits
REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Limited to students who have had at least two years of high-school French or equivalent or who do not qualify for FREN 104. Credit will be granted for only one of the following: FREN 101 or FREN 102 or FREN 103. Students must show high school transcript.
0101 MWThF.....8:00am- 8:50am (JMZ 2123) STAFF
0201 MWF.....8:00am- 8:50am (JMZ 2120) STAFF
Th.....8:00am- 8:50am (JMZ 2120)
0301 MWF.....10:00am-10:50am (JMZ 2123) STAFF
Th.....10:00am-10:50am (JMZ 0118)
0401 MWThF.....10:00am-10:50am (JMZ 0103) STAFF

FREN203 Intermediate French; Grade Method: 4 credits
REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Limited to students according to conditions described in the "Foreign Language Placement" section in this schedule. Students must show high school transcript.
0101 MTuWF.....8:00am- 8:50am (JMZ 2122) STAFF
0301 MTuWF.....9:00am- 9:50am (JMZ 0122) STAFF
0401 MTuWF.....9:00am- 9:50am (JMZ 0103) STAFF
0501 MTuWF.....10:00am-10:50am (JMZ 0122) STAFF
0601 MTuWF.....11:00am-11:50am (JMZ 0125) STAFF
0701 MTuWF.....12:00pm-12:50pm (JMZ 0103) STAFF
0801 MTuWF.....11:00am-11:50am (EGR 3102) STAFF
0901 MTuWF.....12:00pm-12:50pm (ARM 0101) STAFF

FREN203H Intermediate French; Grade Method: 4 credits
REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement;
0101 TuTh.....2:00pm- 4:00pm (JMZ 3120) Jacoby, B

FREN204 Review Grammar and Composition; Grade Method: REG/P-F/AUD; Prerequisite: FREN 203 or permission of department. 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 3118) Jousse, N
0201 MWF.....11:00am-11:50am (JMZ 3118) Brami, J
0301 TuTh.....11:00am-12:15pm (JMZ 2120) Bokhari, S

FREN211 Intermediate Conversation; Grade Method: REG/P-F/AUD; Not open to native speakers. Prerequisite: FREN 203 or permission of department. 3 credits
0101 MWF.....8:00am- 8:50am (JMZ 3118) STAFF
0201 MWF.....9:00am- 9:50am (JMZ 1109) STAFF
0301 MWF.....10:00am-10:50am (JMZ 0125) STAFF

FREN250 Readings in French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Prerequisite: FREN 203 or equivalent. 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 3120) Demaitre, A
0201 MWF.....12:00pm-12:50pm (JMZ 3118) Brami, J
0301 TuTh.....12:30pm- 1:45pm (JMZ 3120) STAFF

FREN250H Readings in French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Prerequisite: FREN 203 or equivalent. Honors. 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 3120) Demaitre, A
0201 MWF.....12:00pm-12:50pm (JMZ 3118) Brami, J
0301 TuTh.....12:30pm- 1:45pm (JMZ 3120) STAFF

FREN301 Composition and Style; Grade Method: REG/P-F/AUD; Prerequisite: FREN 204 or permission of department. 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 2123) Joseph, J

FREN302 Introduction to Translation; Grade Method: REG/P-F/AUD; Prerequisite: FREN301 or permission of department. 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 3118) Mossman, C

FREN311 French Conversation: Contemporary Issues; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: FREN 211 or permission of department. Not open to native speakers of French. 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 2123) STAFF
0201 TuTh.....12:30pm- 1:45pm (JMZ 2102) STAFF

FREN312 French Conversation: Current Cultural Events; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Not open to native speakers of French. 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 3120) Ancekewicz, E
0201 TuTh.....9:30am-10:45am (JMZ 3120) Fink, B

FREN351 French Literature From the Revolution to the Present; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Prerequisite: FREN 204 or FREN 250 or permission of department. 3 credits
0101 MWF.....11:00am-11:50am (JMZ 2123) Tarica, R

FREN351H French Literature From the Revolution to the Present; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Prerequisite: FREN 204 or FREN 250 or permission of department. Honors. 3 credits
0101 MWF.....11:00am-11:50am (JMZ 2123) Tarica, R

FREN352 French Literature From the Middle Ages to the Revolution; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Prerequisite: FREN 204 or FREN 250 or permission of department. 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2125) Ancekewicz, E

FREN352H French Literature From the Middle Ages to the Revolution; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Prerequisite: FREN 204 or FREN 250 or permission of department. Honors. 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2125) Ancekewicz, E

FREN386 Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number.

FREN387 Field Work Analysis; Grade Method: 1-3 credits
(PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

FREN398 Practicum in Spoken French; Grade Method: 1 credit
(PermReq) S-F; Individual Instruction course: contact department or instructor to obtain section number. Supervised conversation under professor of student's choice with consent of instructor. Contact department for details. Prerequisite: FREN 312 or permission of department chairman.

FREN399 Directed Study in French; Grade Method: 1-3 credits
(PermReq) S-F; Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with consent of instructor. Contact department for details.

FREN400 Applied Linguistics; Grade Method: 3 credits
REG/P-F/AUD;
0101 TuTh.....12:30pm- 1:45pm (JMZ 3118) Joseph, J

FREN400H Applied Linguistics; Grade Method: 3 credits
REG/P-F/AUD;
0101 TuTh.....12:30pm- 1:45pm (JMZ 3118) Joseph, J

FREN401 Stylistics; Grade Method: REG/P-F/AUD; 3 credits
Prerequisite: FREN 301 or permission of department.
0101 MWF.....9:00am- 9:50am (JMZ 2123) Ancekewicz, E

FREN419 Studies in Medieval French Literature: Medieval Literature; Grade Method: 3 credits
REG/P-F/AUD;
0101 TuTh.....9:30am-10:45am (JMZ 3118) MacBain, W

FREN419H Studies in Medieval French Literature: Medieval Literature; Grade Method: 3 credits
REG/P-F/AUD;
0101 TuTh.....9:30am-10:45am (JMZ 3118) MacBain, W

FREN469A Studies in 20th Century French Literature: Twentieth Century Theatre; Grade Method: 3 credits
REG/P-F/AUD;
0101 W.....2:00pm- 4:30pm (JMZ 3118) Demaitre, A

FREN469H Studies in 20th Century French Literature: Twentieth Century Theatre; Grade Method: 3 credits
REG/P-F/AUD;
0101 W.....2:00pm- 4:30pm (JMZ 3118) Demaitre, A

FREN473 Contemporary French Society; Grade Method: 3 credits
REG/P-F/AUD;
0101 TuTh.....11:00am-12:15pm (JMZ 2125) Verdaguer, P

FREN473H Contemporary French Society; Grade Method: 3 credits
REG/P-F/AUD;
0101 TuTh.....11:00am-12:15pm (JMZ 2125) Verdaguer, P

FREN489 Pro-Seminar in Themes or Movements of French Literature: Theater; Grade Method: 3 credits
REG/P-F/AUD;
0101 W.....2:00pm- 4:30pm (JMZ 3118) Demaitre, A

FREN489H Pro-Seminar in Themes or Movements of French Literature: Theater; Grade Method: 3 credits
REG/P-F/AUD;
0101 W.....2:00pm- 4:30pm (JMZ 3118) Demaitre, A

FREN494H Honors Independent Study; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Open only to students admitted to the departmental honors program.

FREN495H Honors Thesis Research; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Open only to students admitted to the departmental honors program.

FREN499 Special Topics in French Studies: Francophone Literature; Grade Method: 3 credits
REG/P-F/AUD;
0101 MWF.....10:00am-10:50am (JMZ 2120) Black, C

FREN499H Special Topics in French Studies: Francophone Literature; Grade Method: 3 credits
REG/P-F/AUD;
0101 MWF.....10:00am-10:50am (JMZ 2120) Black, C
SA14 Time and room to be arranged STAFF

FREN679 The History of Ideas in France: Literary and Historical Problematics; Grade Method: 3 credits
REG/AUD; Insturctors are B. Fink and P. Verdaguer.
0101 Th.....2:00pm- 4:30pm (JMZ 3118) Fink, B

FREN689 Seminar in a Great Literary Figure: Proust; Grade Method: REG/AUD; 3 credits
0101 M.....5:00pm- 7:30pm (JMZ 3118) Brami, J

FREN699 Seminar: Concept of Tragedy; Grade Method: 3 credits
(PermReq) REG/AUD;
0101 Tu.....2:00pm- 4:30pm (JMZ 3118) MacBain, W

FREN709 College Teaching of French; Grade Method: 1 credit
S-F;
0101 Th.....5:00pm- 6:00pm (JMZ 3118) Verdaguer, P

FREN798 Master's Independent Study; Grade Method: 1-3 credits
(PermReq) REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

FREN799 Master's Thesis Research; Grade Method: 1-6 credits
REG; Individual Instruction course: contact department or instructor to obtain section number.

FREN818 French Literary Criticism; Grade Method: 3 credits
REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

FREN898 Doctoral Independent Study; Grade Method: 3 credits
(PermReq) REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

FREN899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

FSAD Foodservice Administration (Human Ecology)

FSAD200 Introduction to Foodservice; Grade Method: 2 credits
REG/P-F/AUD;
0101 W.....2:00pm- 4:00pm (MMH 0108) STAFF

FSAD350 Foodservice Operations I; Grade Method: 5 credits
(PermReq) REG/P-F/AUD; Prerequisite: FOOD 250. Pre- or corequisites: FSAD 300; and MICB 200.
0101 MWF.....9:00am- 9:50am (MMH 3418) Noble, J
Tu.....8:00am- 1:00pm (MMH 3108) LAB
0102 MWF.....9:00am- 9:50am (MMH 3418) Noble, J
Th.....8:00am- 1:00pm (MMH 3108) LAB

FSAD355 Foodservice Operations II; Grade Method: 4 credits
REG/P-F/AUD; Prerequisite: FSAD 350. Offered spring semester only.
0101 W.....8:00am- 1:00pm (MMH 3112) Norton, V
Th.....8:00am- 1:00pm (MMH 3112) LAB

FSAD440 Foodservice Personnel Administration; 2 credits
Grade Method: REG/P-F/AUD; Prerequisite: FSAD 350. Offered spring semesters only.
0101 TuTh.....1:00pm- 1:50pm (MMH 0108) Norton, V

FSAD480 Practicum in Foodservice Administration; 3 credits
(PermReq) Grade Method: S-F; Prerequisites: FSAD 350 and permission of department.
0101 F.....2:00pm- 5:00pm (MMH 3418) Norton, V

FSAD490 Special Problems in Foodservice; Grade 2-3 credits
(PermReq) Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: senior standing, five hours in FSAD courses and permission of department.

FSAD498 Selected Topics; Grade Method: 1-3 credits
(PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

FSAD498F Selected Topics: Conference Center 3 credits
(PermReq) Management; Grade Method: REG/P-F/AUD;
0101 Time and room to be arranged Noble, J

FSAD498L Selected Topics: Computer Applications in 1 credit
(PermReq) HNFS; Grade Method: REG/P-F/AUD; Open to HNFS majors only.
0101 W.....2:00pm- 5:00pm (MMH 1314) STAFF

FSAD650 Experimental Quantity Food Production; 3 credits
Grade Method: REG/AUD; Prerequisite: FSAD 350 or equivalent.
0101 Th.....4:00pm- 5:00pm (MMH 3108) Noble, J
TuTh.....1:00pm- 4:00pm (MMH 3108) LAB

FSAD660 Research Methods; Grade Method: REG/AUD; 3 credits
Prerequisite: a statistics course.
0101 TuTh.....5:00pm- 6:15pm (MMH 3418) Castonguay, T

FSAD678A Selected Topics in Foodservice 1-6 credits
(PermReq) Administration: Individual Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

FSAD688 Seminar; Grade Method: REG/AUD; 1 credit
0101 Tu.....4:00pm- 4:50pm (MMH 3418) Norton, V

FSAD789 Non-Thesis Research; Grade Method: S-F; 1-3 credits
Individual Instruction course: contact department or instructor to obtain section number.

FSAD799 Master's Thesis Research; Grade Method: 1-6 credits
(PermReq) REG; Individual Instruction course: contact department or instructor to obtain section number.

FSAD888 Doctoral Seminar; Grade Method: REG/AUD; 1 credit
0101 F.....2:00pm- 4:00pm (MMH 0108) Read, M

FSAD899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

GEOG Geography (Behavior & Social Sci)

GEOG140 Coastal Environments; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement;
0101 TuTh.....12:30pm- 1:45pm (LEF 2205) Leatherman, S

GEOG170 Maps and Map Use; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies Non-lab Science and Mathematics requirement. If taken with GEOG 171, course may be counted as lab science requirement.
0101 Tu.....4:00pm- 6:40pm (LEF 2205) Wiedel, J

GEOG171 Maps and Map Use Laboratory; Grade Method: 1 credit
REG/P-F/AUD; Pre- or corequisite: GEOG 170. One two-hour lab per week.
0101 Tu.....2:00pm- 4:00pm (LEF 1138) LAB Wiedel, J
0201 W.....4:00pm- 6:00pm (LEF 1138) LAB Wiedel, J
0301 Th.....2:00pm- 4:00pm (LEF 1138) LAB Wiedel, J

GEOG201 Geography of Environmental Systems; Grade Method: REG/P-F/AUD; Course meets University Studies Program Distributive Studies (B) non-lab science and mathematics requirement. If taken with Geog 211, course may be counted as lab science requirement. — 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 0124) Kearney, M

GEOG202 The World in Cultural Perspective; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....10:00am-10:50am (LEF 1222) Brown, D
0201 TuTh.....12:30pm- 1:45pm (LEF 2208) Mitchell, R

GEOG211 Geography of Environmental Systems Laboratory; Grade Method: REG/P-F/AUD; Pre- or corequisite: GEOG 201 or GEOL 100 or GEOL 120. One two-hour lab per week. — 1 credit
0101 Tu.....3:30pm- 5:30pm (TYD 2140) LAB Kearney, M
0201 F.....9:00am-11:00am (TYD 2140) LAB Kearney, M
0301 F.....1:00pm- 3:00pm (TYD 2140) LAB Kearney, M

GEOG305 Quantitative Methods in Geography; Grade Method: REG/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (LEF 1222) Yao, M

GEOG310 Research and Writing in Geography; Grade Method: REG; Prerequisite: GEOG 305. Course satisfies English 391 composition requirement. Geography majors only. — 3 credits
0101 Th.....2:00pm- 4:30pm (LEF 1179) Groves, P

GEOG323 South America; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 1222) Chaves, A

GEOG324 Europe; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 2205) Mitchell, R

GEOG326 Africa; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....11:00am-11:50am (TLF 0101) Prince, S

GEOG370 Principles of Cartography; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:40pm (LEF 1138) Frieswyk, H
Time and room to be arranged LAB

GEOG372 Remote Sensing; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....12:00pm- 2:00pm (LEF 1138) Scallan, J
W.....12:00pm- 2:00pm (LEF 1138) LAB
0102 M.....12:00pm- 2:00pm (LEF 1138) Scallan, J
F.....12:00pm- 2:00pm (LEF 1138) LAB

GEOG384 (PermReq) Internship in Geography; Grade Method: REG/P-F/AUD; Prerequisite: GEOG 305; and GEOG 310; and permission of department. Corequisite: GEOG 384. Prerequisite: GEOG 305, 310 and permission of instructor. — 3 credits
0101 Time and room to be arranged Cirrincione, J

GEOG385 (PermReq) Internship Research Paper; Grade Method: REG/P-F/AUD; Prerequisite: GEOG 305; and GEOG 310; and permission of department. Corequisite: GEOG 384. — 3 credits
0101 Time and room to be arranged Cirrincione, J

GEOG398 Honors Research; Grade Method: REG/P-F/AUD; — 3 credits
0101 Time and room to be arranged Townshend, J

GEOG399 Honors Thesis; Grade Method: REG/P-F/AUD; Prerequisite: GEOG 398. — 3 credits
0101 Time and room to be arranged Townshend, J

GEOG411 19th Century North America; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (LEF 1179) Groves, P

GEOG421 Cultural Ecology; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....4:00pm- 6:30pm (LEF 1221) Fonaroff, L

GEOG422 Population Geography; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....7:00pm- 9:45pm (LEF 1221) Christian, C

GEOG471 Cartographic Production; Grade Method: REG/P-F/AUD; Prerequisite: GEOG 370. — 3 credits
0101 M.....4:00pm- 6:40pm (LEF 1138) Wiedel, J

GEOG481 Advanced Computer Mapping; Grade Method: REG/P-F/AUD; Prerequisite: GEOG 373 or permission of department. — 3 credits
0101 Th.....6:30pm- 9:10pm (LEF 1210) Broome, F

GEOG498 (PermReq) Topical Investigations: Selected Topics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GEOG498G (PermReq) Topical Investigations: Computer Graphics on the Micro Computer; Grade Method: REG/P-F/AUD; See instructor in Room 0218 LeFrak to develop individual learning contract. Short course format. — 1-3 credits
0101 M.....1:30pm- 4:00pm (LEF 1124) Eney, A

GEOG605 (PermReq) Quantitative Spatial Analysis; Grade Method: REG/AUD; Prerequisite: GEOG 305; and GEOG 483, or permission of department. — 3 credits
0101 M.....7:00pm- 9:40pm (LEF 1208) Kellerman, A

GEOG610 (PermReq) Research Tutorial; Grade Method: REG/AUD; Prerequisite: GEOG 600; and permission of department. — 1 credit
0101 Th.....4:30pm- 7:00pm (LEF 1179) Kearney, M

GEOG618C Seminar in Geomorphology: Coastal Seminar; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:45pm (LEF 1179) Leatherman, S

GEOG648 Seminar in Cultural Geography: Seminar in Cultural Geography; Grade Method: REG/AUD; — 3 credits
0101 W.....4:00pm- 6:40pm (LEF 1179) Fonaroff, L

GEOG788 (PermReq) Selected Topics in Geography; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GEOG788B Selected Topics in Geography: Advanced Biogeography Seminar; Grade Method: REG/AUD; — 3 credits
0101 W.....4:30pm- 7:00pm (LEF 1201) Prince, S

GEOG788R Selected Topics in Geography: Remote Sensing Seminar; Grade Method: REG/AUD; Prerequisite: GEOG 480 or equivalent. — 3 credits
0101 M.....4:00pm- 6:30pm (LEF 1179) Goward, S

GEOG789 (PermReq) Independent Readings; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GEOG790 (PermReq) Internship in Geography; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

GEOG798 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GEOG799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GEOG899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

GEOL Geology (Comp, Math, & Phys Sci)

GEOL100 Physical Geology; Grade Method: REG/P-F/AUD; Credit will be granted for only one of the following: GEOL 100 or GEOL 101. Course meets University Studies Program Distributive Studies non-lab science and mathematics requirement. If taken with GEOL 110, course may be counted as lab science requirement. — 3 credits
0101 MWF.....1:00pm- 1:50pm (HJP 0226) Owens, C
0201 TuTh.....2:00pm- 3:15pm (HJP 0226) Wylie, A

GEOL102 Historical Geology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: GEOL 100 or GEOL 101. — 4 credits
0101 TuTh.....2:00pm- 3:15pm (HJP 1229) Stifel, P
F.....1:00pm- 4:00pm (GEO 2107) LAB

GEOL110 Physical Geology Laboratory; Grade Method: REG/P-F; Pre- or corequisite: GEOL 100 or GEOL 101. — 1 credit
0101 W.....2:00pm- 5:00pm (GEO 2106) LAB STAFF
0201 M.....1:00pm- 4:00pm (GEO 2106) LAB STAFF
0301 Tu.....9:00am-12:00pm (GEO 2106) LAB STAFF
0401 Tu.....1:00pm- 4:00pm (GEO 2106) LAB STAFF
0501 Th.....9:00am-12:00pm (GEO 2106) LAB STAFF
0601 Th.....3:30pm- 6:30pm (GEO 2106) LAB STAFF

GEOL120 Environmental Geology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (HJP 0226) Segovia, A

GEOL322 Mineralogy; Grade Method: REG/P-F; Prerequisite: GEOL 110 and CHEM 103. — 4 credits
0101 TuTh.....8:00am- 9:15am (GEO 1120) Chang, L
Tu.....9:30am-12:30pm (GEO 2107) LAB

GEOL341 Structural Geology; Grade Method: REG/P-F; Prerequisite: GEOL 102 or permission of department. — 4 credits
0101 TuTh.....2:00pm- 3:15pm (HBK 0105) McLellan, E
W.....2:00pm- 5:00pm (GEO 2117) LAB

GEOL342 Sedimentation and Stratigraphy; Grade Method: REG/P-F; Prerequisite: GEOL 322 or permission of department. — 4 credits
0101 TuTh.....4:00pm- 5:30pm (GEO 1120) Smoot, J
M.....1:00pm- 4:00pm (GEO 2117) LAB

GEOL375 General Oceanography; Grade Method: REG/P-F/AUD; Formerly GEOL 475. — 3 credits
0101 Tu.....6:00pm- 9:00pm (GEO 1120) Orem, W

GEOL393 Technical Writing for Geoscientists; Grade Method: REG; Prerequisites: ENGL 101 and completion of any two of the following and concurrent registration in the third: GEOL 341, GEOL 331 and GEOL 322. For GEOL majors only. — 3 credits
0101 Time and room to be arranged Stifel, P
Time and room to be arranged

GEOL394 Research Problems in Geology; Grade Method: REG; Prerequisite: GEOL 393. — 3 credits
0101 Time and room to be arranged Stifel, P
Time and room to be arranged

GEOL434 Micropaleontology; Grade Method: REG/P-F/AUD; Prerequisite: GEOL 331. — 3 credits
0101 M.....9:00am-11:00am (GEO 2107) Stifel, P
W.....9:00am-12:00pm (GEO 2107) LAB

GEOL443 Petrology; Grade Method: REG/P-F; Prerequisite: GEOL 322. — 3 credits
0101 M.....9:00am- 9:50am (GEO 1120) Owens, C
F.....9:00am- 1:00pm (GEO 2117) LAB

GEOL451 Groundwater Geology; Grade Method: REG/P-F/AUD; Prerequisite: GEOL 100 or GEOL 101. — 3 credits
0101 MWF.....11:00am-11:50am (GEO 1120) Segovia, A

GEOL499 (PermReq) Special Problems in Geology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GEOL499B Special Problems in Geology: Hydrogeology; Grade Method: REG; — 3 credits
0101 MW.....7:00pm- 8:30pm (GEO 1120) Nicholson, T

GEOL634 Micropaleontology; Grade Method: REG; Prerequisite: GEOL 431. — 3 credits
0101 M.....9:00am-11:00am (GEO 2107) Stifel, P
W.....9:00am-12:00pm (GEO 2107) LAB

GEOL644 Metamorphic Petrology; Grade Method: REG; Prerequisite: GEOL 443 and CHEM 481. — 3 credits
0101 Th.....9:00am-11:00am (GEO 2117) McLellan, E
Tu.....9:00am-12:00pm (GEO 2117) LAB

GEOL789 (PermReq) Recent Advances in Geology; Grade Method: REG; — 2-4 credits
0101 Tu.....1:00pm- 4:00pm (GEO 1120) Chang, L

GEOL798 (PermReq) Seminar in Geology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1 credit

GEOL799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GEOL899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

GERM German (Arts and Humanities)

GERM101 Elementary German I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; This course replaces GERM 111. — 4 credits
0101 MTuWF.....8:00am- 8:50am (JMZ 0204) STAFF
0201 MTuWF.....9:00am- 9:50am (JMZ 0204) STAFF
0301 MWF.....10:00am-10:50am (JMZ 0204) STAFF
Tu.....10:00am-10:50am (JMZ 0204)
0401 MTuWF.....11:00am-11:50am (JMZ 0204) STAFF
0501 MTuWF.....12:00pm-12:50pm (JMZ 0204) STAFF
0601 MTuWF.....1:00pm- 1:50pm (JMZ 0204) STAFF

GERM102 Elementary German II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: GERM 101 or equivalent. This course replaces GERM 112. — 4 credits
0101 MWThF.....8:00am- 8:50am (JMZ 3203) STAFF
0201 MWF.....9:00am- 9:50am (JMZ 1122) STAFF
Th.....9:00am- 9:50am (JMZ 1122)
0301 MWF.....10:00am-10:50am (JMZ 0120) STAFF
Th.....10:00am-10:50am (JMZ 1224)
0401 MWF.....11:00am-11:50am (JMZ 1122) STAFF
Th.....11:00am-11:50am (JMZ 1224)
0501 MWF.....12:00pm-12:50pm (JMZ 1122) STAFF
Th.....12:00pm-12:50pm (JMZ 0204)

GERM103 Review of Elementary German; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: assignment either by placement examination or by the undergraduate director (Germanic Section). — 4 credits
0101 MWF.....9:00am- 9:50am (JMZ 1226) STAFF
Tu.....9:00am- 9:50am (JMZ 0118)

GERM104 Intermediate German; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: GERM 102 or GERM 103 or equivalent. — 4 credits
0101 MWF.....10:00am-10:50am (JMZ 1226) STAFF
Th.....10:00am-10:50am (JMZ 0125)
0201 MWF.....12:00pm-12:50pm (JMZ 3203) STAFF
Th.....12:00pm-12:50pm (JMZ 1226)
0301 MWF.....2:00pm- 2:50pm (JMZ 1122) STAFF
Th.....2:00pm- 2:50pm (JMZ 0204)

GERM104H Intermediate German; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: GERM 102 or GERM 103 or equivalent. For students considering an honors major in German. Students will receive extra individualized supervision. Prerequisite: Grade of A or B in GERM 102 or GERM 103. — 4 credits
0101 MWF.....9:00am- 9:50am (JMZ 3205) Pfister, G
Th.....9:00am- 9:50am (JMZ 0204)

GERM142 Elementary Yiddish II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: GERM 141 or equivalent. — 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 3207) Bilik, D

GERM145 Intermediate Yiddish II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: GERM 144 or equivalent. — 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 3203) Bilik, D

GERM211 Intermediate German Conversation; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 1104) STAFF

GERM220 Introduction to German Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Prerequisite: GERM 114 or equivalent. May be taken concurrently with GERM 115. — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 3203) STAFF

GERM280 German-American Cultural Contrast; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 3205) Pfister, G

GERM285 German Film and Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 TuTh.....2:00pm- 4:45pm (JMZ 0220) Beicken, P

GERM301 Conversation and Composition I; Grade Method: REG/P-F/AUD; Prerequisite: GERM 115 or equivalent. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 3205) STAFF

GERM302 Conversation and Composition II; Grade Method: REG/P-F/AUD; Prerequisite: GERM 301 or equivalent. — 3 credits
0201 MWF.....11:00am-11:50am (JMZ 1226) Fagan, S

GERM322 Highlights of German Literature II; Grade Method: REG/P-F/AUD; Prerequisite: GERM 220 or equivalent. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 3205) Best, O

GERM368 Scandinavian Civilization: Modern Sweden; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....2:00pm- 4:30pm (JMZ 3203) Oster, R

GERM369 Scandinavian Literature in Translation: Strindberg; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....1:00pm- 3:30pm (JMZ 0202) Oster, R

GERM382 German Civilization II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....8:00am- 9:50am (JMZ 3203) STAFF

GERM383 The Viking Era; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 2206) Fleck, J

GERM384 The Age of Chivalry; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 2206) Fleck, J

GERM397H (PermReq) Honors Reading (Independent Study); Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Students must have instructor's permission before registering. — 3 credits

GERM401 Advanced Conversation; Grade Method: REG/P-F/AUD; Prerequisite: GERM 302 or equivalent. — 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 3205) Beicken, P

GERM405 Stylistics; Grade Method: REG/P-F/AUD; Prerequisite: GERM 302 or equivalent. — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 1109) STAFF

GERM424 Classicism; Grade Method: REG/P-F/AUD; Prerequisite: GERM 321 and GERM 322, or permission of department. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 3207) Best, O

GERM431 Romanticism and Biedermeier; Grade Method: REG/P-F/AUD; Prerequisite: GERM 321 and GERM 322, or permission of department. Taught in German. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 3203) Frederiksen, E

GERM479G Selected Topics in Germanic Philology: Gothic; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....2:00pm- 4:40pm (JMZ 3205) Fleck, J

GERM499 (PermReq) Directed Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GERM610 Structure of the German Language; Grade Method: REG/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 3203) Fagan, S

GERM611 College Teaching of German; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged Pfister, G

GERM632 The German Novelle; Grade Method: REG/AUD; — 3 credits
0101 M.....5:00pm- 7:40pm (JMZ 3207) Frederiksen, E

GERM798 (PermReq) Master's Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

0101: Beicken, Peter 0201: Best, Otto 0301: Bilik, Dorothy 0401: Fagan, Sarah 0501: Fleck, Jere 0601: Frederiksen, Elke 0801: Oster, Rose-Marie 0901: Pfister, Guenter 1001: Strauch, Gabraele

GERM799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GERM828 Seminar: The 18th Century: Lessing und seine Zeit; Grade Method: REG/AUD; — 3 credits
0101 Th.....5:00pm- 7:30pm (JMZ 3207) STAFF

GERM838 Seminar: The 20th Century: Ingeborg Bachmann; Grade Method: REG/AUD; Taught in German. — 3 credits
0101 Tu.....5:00pm- 7:40pm (JMZ 3207) Beicken, P

GERM898 (PermReq) Doctoral Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GERM899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

GNED General Education (Undergraduate Studies)

GNED100 The Anatomy of Knowing: the University and Its Curriculum; Grade Method: REG/P-F/AUD; Open to students with freshman and sophomore standing. — 3 credits
0101 MWF.....9:00am- 9:50am (ARM 0112) McIntire, R
0201 MWF.....10:00am-10:50am (ARM 0110) McIntire, R

GNED189A College Park Seminar: The Two Cultures; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARM 0118) Freedman, M

GNED189B College Park Seminar: Rationality and Values; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (ARM 0118) Alford, C

GNED189C College Park Seminar: Leisure and Technology; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0118) Churchill, J

GNED189D College Park Seminar: Individual Rights from Cicero to Rand; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 2140) — Locke, E

GNED189E College Park Seminar: How Society Deals with Technological Hazards; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 0102) — Bier, V

GNED189F College Park Seminar: Cultural Literacy in the Electronic Age; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARM 0118) — Bier, V

GNED189G College Park Seminar: Technology as a Theme in Literature since the Industrial Revolution; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 0102) — Wallace, J

GREK Greek (Arts and Humanities)

See FOLA for Modern Greek.

GREK102 Elementary Greek; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; A student who has had two units of Greek in high school may register for GREK 102 for credit with departmental permission. — 3 credits
0101 MWF.....9:00am- 9:50am (COL 3111) — Hubbe, R

GREK204 Intermediate Greek (Homer); Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Prerequisite: GREK 203 or equivalent. — 3 credits
0101 MWF.....1:00pm- 1:50pm (COL 3112) — Duffy, J

GREK352 The New Testament; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (COL 3114) — Hubbe, R

GREK488 Greek Readings: Sophocles and Aristophanes; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 1109) — Stehle, E

GREK499 (PermReq) Independent Study in Greek Language and Literature; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

GREK688 Special Topics in Greek Literature: Sophocles and Aristophanes; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 1109) — Stehle, E

GREK699 (PermReq) Independent Study in Greek Literature: Greek Literature; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

---

GVPT Government and Politics (Behavior & Social Sci)

GVPT100 Principles of Government and Politics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 MWF.....10:00am-10:50am (SHM 2102) — Ghanima, M
0201 TuTh.....9:30am-10:45am (ARM 0126) — Chamberlain, A

GVPT170 American Government; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 MW.....11:00am-11:50am (LEF 2205) — Davidson, R
Th.....10:00am-10:50am (LEF 2138H) DIS
0102 MW.....11:00am-11:50am (LEF 2205) — Davidson, R
Th.....11:00am-11:50am (EDU 0212) DIS
0103 MW.....11:00am-11:50am (LEF 2205) — Davidson, R
Th.....1:00pm- 1:50pm (JMZ 1224) DIS
0104 MW.....11:00am-11:50am (LEF 2205) — Davidson, R
Th.....2:00pm- 2:50pm (JMZ 2120) DIS
0105 MW.....11:00am-11:50am (LEF 2205) — Davidson, R
F.....10:00am-10:50am (PHY 1402) DIS
0106 MW.....11:00am-11:50am (LEF 2205) — Davidson, R
F.....11:00am-11:50am (ARM 0121) DIS
0107 MW.....11:00am-11:50am (LEF 2205) — Davidson, R
F.....1:00pm- 1:50pm (TYD 1132) DIS
0108 MW.....11:00am-11:50am (LEF 2205) — Davidson, R
F.....2:00pm- 2:50pm (TYD 1132) DIS
0201 TuTh.....8:00am- 9:15am (LEF 2205) — Glendening, P
0301 TuTh.....9:30am-10:20am (LEF 2205) — Vietri, L
Tu.....3:00pm- 3:50pm (ZOP 1232) DIS
0302 TuTh.....9:30am-10:20am (LEF 2205) — Vietri, L
Th.....12:00pm-12:50pm (MTH 3418) DIS
0303 TuTh.....9:30am-10:20am (LEF 2205) — Vietri, L
Th.....1:00pm- 1:50pm (PHY 1402) DIS
0304 TuTh.....9:30am-10:20am (LEF 2205) — Vietri, L
Th.....2:00pm- 2:50pm (ZOP 1228) DIS
0305 TuTh.....9:30am-10:20am (LEF 2205) — Vietri, L
Th.....3:00pm- 3:50pm (ZOP 1228) DIS
0306 TuTh.....9:30am-10:20am (LEF 2205) — Vietri, L
F.....9:00am- 9:50am (JRN 1104) DIS
0307 TuTh.....9:30am-10:20am (LEF 2205) — Vietri, L
F.....11:00am-11:50am (ZOP 1228) DIS
0308 TuTh.....9:30am-10:20am (LEF 2205) — Vietri, L
F.....1:00pm- 1:50pm (ZOP 1228) DIS
0401 MWF.....10:00am-10:50am (LEF 2208) — Bailey, M
0501 TuTh.....12:30pm- 1:45pm (TYD 1102) — Ford, L
0601 TuTh.....11:00am-12:15pm (TYD 1101) — Dolan, K

GVPT170H American Government; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Limited to GVPT and General Honors students. — 3 credits
0101 Th.....2:00pm- 4:45pm (TYD 1136) — Vietri, L

GVPT210 Introduction to Public Administration and Policy; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (TYD 1102) — Imbroscio, D

GVPT220 Introduction to Political Behavior; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 MWF.....12:00pm-12:50pm (TYD 1101) — Ghanima, M

GVPT231 Law and Society; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 0220) — Colella, C

GVPT240 Political Ideologies; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....9:00am- 9:50am (LEF 2166) — Burack, C
0201 MWF.....11:00am-11:50am (LEF 2208) — Burack, C

GVPT273 Introduction to Environmental Politics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 2166) — Pirages, D

GVPT280 Comparative Politics and Governments; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 1243) — Gurr, T

GVPT300 International Political Relations; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 MWF.....9:00am- 9:50am (KEY 0102) — Kotob, S
0201 MWF.....11:00am-11:50am (TYD 1101) — Breckinridge, R
0301 TuTh.....11:00am-12:15pm (TYD 1102) — Lalman, D
0401 MWF.....10:00am-10:50am (LEF 2166) — Derleth, J

GVPT306 Global Ecopolitics; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (LEF 2166) — Pirages, D

GVPT341 Political Morality and Political Action; Grade Method: REG/P-F/AUD; Prerequisite: GVPT 100. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 0105) — Terchek, R

GVPT376A Applied Field Research in Government and Politics; Grade Method: REG/P-F/AUD; Limited to Maryland General Assembly interns. — 6 credits
0101 Time and room to be arranged — Ramsay, M

GVPT376B Applied Field Research in Government and Politics; Grade Method: REG/P-F/AUD; Limited to Capitol Hill interns. — 6 credits
0101 Time and room to be arranged — Lanning, E

GVPT377A Seminar For Academic Interns; Grade Method: REG/P-F/AUD; Limited to Maryland General Assembly interns. — 3 credits
0101 M.....3:30pm- 6:15pm (LEF 2138) — Ramsay, M

GVPT377B Seminar For Academic Interns; Grade Method: REG/P-F/AUD; Limited to Capitol Hill interns. — 3 credits
0101 M.....3:30pm- 6:15pm (LEF 2138H) — Lanning, E

GVPT386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor. — 1-3 credits

GVPT387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor. — 1-3 credits

GVPT388 Topical Investigations; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission of Director of Undergraduate Studies. — 3 credits

GVPT396 (PermReq) Introduction to Political Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

GVPT397 (PermReq) Honors Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

GVPT399A Seminar in Government and Politics: Politics of Developing Countries; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (TAA 1122) — Phillips, W

GVPT399B Seminar in Government and Politics: East-West Relations; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TAA 1122) — Kaminski, B

GVPT399C Seminar in Government and Politics: The Politics and Foreign Economic Policies of Japan; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 1221) — McNelly, T

GVPT399D Seminar in Government and Politics: Twentieth Century China: Revolution, Politics and Foreign Relations; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (LEF 1220) — Hsueh, C

GVPT399E Seminar in Government and Politics: International Political Economy; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 2206) — Haufler, V

GVPT399H Seminar in Government and Politics: Leadership; Grade Method: REG; Limited to GVPT and General Honors students. — 3 credits
0101 Tu.....2:00pm- 4:45pm (LEF 2123) — Stone, C

GVPT403 Law, Morality and War; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 MWF.....11:00am-11:50am (LEF 2166) — Piper, D

GVPT422 Quantitative Political Analysis; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....2:00pm- 4:45pm (LEF 2205) — Swistak, P

GVPT429A Problems in Political Behavior: Testing Behavioral Theories in a Laboratory; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 1221) — Oppenheimer, J

GVPT429B Problems in Political Behavior: Modern Soviet Approaches to Planning; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (LEF 1201) — Manukian, E

GVPT429H Problems in Political Behavior: Comparitive Political Protest and Revolutions; Grade Method: REG/P-F/AUD; Limited to GVPT and General Honors students. — 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 2138H) — Gurr, T

GVPT431 Introduction to Constitutional Law; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (LEF 2208) — McCarrick, E

GVPT432 Civil Rights and the Constitution; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 TuTh.....11:00am-12:15pm (ARM 0110) — Claude, R

GVPT433 The Judicial Process; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 0105) — McIntosh, W

GVPT436 The Legal Status of Women; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (TYD 1102) — McCarrick, E

GVPT441 History of Political Theory: Ancient and Medieval; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: GVPT 100. — 3 credits
0101 Th.....7:00pm- 9:45pm (TLF 2110) — Stevens, D

GVPT442 History of Political Theory--Medieval to Recent; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: GVPT 100. — 3 credits
0101 MW.....2:00pm- 2:50pm (TLF 0124) — Glass, J
W.....3:00pm- 3:50pm (LEF 1222) DIS
0102 MW.....2:00pm- 2:50pm (TLF 0124) — Glass, J
F.....9:00am- 9:50am (LEF 1222) DIS
0103 MW.....2:00pm- 2:50pm (TLF 0124) — Glass, J
F.....10:00am-10:50am (HJP 2242) DIS
0104 MW.....2:00pm- 2:50pm (TLF 0124) — Glass, J
F.....11:00am-11:50am (LEF 1208) DIS
0105 MW.....2:00pm- 2:50pm (TLF 0124) — Glass, J
W.....3:00pm- 3:50pm (TAA 1130) DIS
0201 W.....6:30pm- 9:15pm (LEF 2205) — Stevens, D

GVPT450 Comparative Study of Foreign Policy Formation; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....12:00pm-12:50pm (TYD 1102) — Wilkenfeld, J

GVPT451 Foreign Policy of the U.S.S.R.; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 2166) — Dawisha, K

GVPT453 Recent East Asian Politics; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 1222) — Hsueh, C

GVPT460 State and Local Administration; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 1236) — Reeves, M

GVPT473 Legislatures and Legislation; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (LEF 2208) — Davidson, R

GVPT479 Problems of American Public Policy: Politics of Vietnam War; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....2:00pm- 4:45pm (HBK 4205) — Vietri, L

GVPT481 Government and Administration of the Soviet Union; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....6:30pm- 9:15pm (TYD 1101) — Douse, G

GVPT482 Government and Politics of Latin America; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (LEF 2208) — Lanning, E

GVPT486 Comparative Studies in European Politics; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 1221) — Heisler, M

GVPT722 Advanced Quantitative Methods For Political Science; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:45pm (LEF 2205) — Swistak, P

GVPT729 Special Topics in Quantitative Political Analysis: Mathematical Modelling; Grade Method: REG/AUD; — 3 credits
0101 Th.....3:30pm- 6:15pm (LEF 2138H) — Lalman, D

GVPT799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GVPT808A Selected Topics in Functional Problems in International Relations; Grade Method: REG/AUD; — 3 credits
0101 Th.....6:30pm- 9:15pm (KEY 0125) — Kaminski, B

GVPT828A Selected Problems in Political Behavior; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:45pm (LEF 2123) — Soltan, K

GVPT828B Selected Problems in Political Behavior: Political Economy of the Democratic State; Grade Method: REG/AUD; — 3 credits
0101 Th.....3:30pm- 6:15pm (LEF 2176) — Stone, C

GVPT831 Formal Theories of Politics; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:45pm (LEF 2138H) — Soltan, K

GVPT838 Topics in Formal Political Theory: Experimentation and Theory Testing in Political Science; Grade Method: REG/AUD; — 3 credits
0101 Th.....6:30pm- 9:15pm (LEF 2207) — Oppenheimer, J

GVPT842 Man and the State; Grade Method: REG/AUD; — 3 credits
0101 M.....6:30pm- 9:15pm (LEF 2176) — Glass, J

GVPT845 Marxist Political Theory; Grade Method: REG/AUD; — 3 credits
0101 W.....3:30pm- 6:15pm (LEF 2207) — Elkin, S

GVPT846 Theories of Democracy; Grade Method: REG/AUD; — 3 credits
0101 Tu.....3:30pm- 6:15pm (LEF 2166) — Terchek, R

GVPT847 Seminar in Non-Western Political Theory; Grade Method: REG/AUD; — 3 credits
0101 Th.....6:30pm- 9:15pm (LEF 2123) — Butterworth, C

GVPT848 Current Problems in Political Theory: Cultural Marxism and the Critical Theory of Society; Grade Method: REG/AUD; — 3 credits
0101 Tu.....6:30pm- 9:15pm (LEF 2138H) — Alford, C

GVPT857 Seminar in American Foreign Relations; Grade Method: REG/AUD; — 3 credits
0101 Th.....3:30pm- 6:15pm (KEY 0121) — Haufler, V

GVPT859 Selected Topics in Public Policy: Human Rights in U.S. Domestic and Foreign Policy; Grade Method: REG/AUD; — 3 credits
0101 Tu.....6:30pm- 9:15pm (LEF 2207) — Claude, R

GVPT868 Problems of State and Local Government: Public Policy and Administration; Grade Method: REG/AUD; — 3 credits
0101 Tu.....5:00pm- 7:45pm (LEF 2176) — Reeves, M

GVPT875 Seminar in Judicial Policy Development; Grade Method: REG/AUD; — 3 credits
0101 Tu.....3:30pm- 6:15pm (LEF 2207) — McIntosh, W

GVPT878 Seminar in National Security Policy; Grade Method: REG/AUD; — 3 credits
0101 Tu.....3:30pm- 6:15pm (LEF 2138H) — Quester, G

GVPT879 Topics on International Security: The Politics and Political Economy of Security in Democracy; Grade Method: REG/AUD; — 3 credits
0101 W.....3:30pm- 6:30pm (LEF 2138) — Heisler, M

GVPT881 Comparative Governmental Institutions: Soviet Union; Grade Method: REG/AUD; — 3 credits
0101 Tu.....3:30pm- 6:15pm (LEF 2138) — STAFF

GVPT882 The Government and Politics of Japan; Grade Method: REG/AUD; — 3 credits
0101 Tu.....6:30pm- 9:15pm (LEF 2138) — McNelly, T

GVPT883 Comparative Governmental Institutions: Asia; Grade Method: REG/AUD; — 3 credits
0101 M.....6:30pm- 9:15pm (LEF 1222) — Franda, M

GVPT887 Seminar in the Politics of Developing Nations; Grade Method: REG/AUD; — 3 credits
0101 Th.....3:30pm- 6:15pm (LEF 2207) — Phillips, W

GVPT889D Selected Topics in Area Problems in International Relations: Soviet and East European Attitudes Toward the Third World; Grade Method: REG/AUD; — 3 credits
0101 Th.....3:30pm- 6:15pm (LEF 1210) — Dawisha, K

GVPT889E Selected Topics in Area Problems in International Relations: Methodology and Soviet Political Analysis; Grade Method: REG/AUD; — 3 credits
0101 Th.....6:30pm- 9:30pm (LEF 2138) — Clements, P

GVPT899 (PermReq) Readings in Government and Politics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission of director of graduate studies. — 3 credits

GVPT899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

HEBR Hebrew (Arts and Humanities)

HEBR112 Elementary Hebrew II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: HEBR 111 or equivalent. Students who have no knowledge of Hebrew should register for HEBR 111 which will be offered in the fall. Students who have studied Hebrew elsewhere are required to contact Mrs. Liberman (for courses HEBR 112 and 212) or contact Dr. Berlin on questions of placement above the HEBR 212 level. — 6 credits
0101 MWF.....9:00am-11:00am (JMZ 1104) — Liberman, E
0201 MWF.....11:00am- 1:00pm (JMZ 2117) — Liberman, E
0301 MWF.....11:00am- 1:00pm (HJP 1229) — STAFF

HEBR212 Intermediate Hebrew II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: HEBR 211 or permission of department. — 6 credits
0101 MWF.....9:00am-11:00am (JMZ 2117) — Levy, N

HEBR223 The Hebrew Bible: Narrative; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 W.....2:00pm- 4:30pm (JMZ 2117) — Berlin, A

HEBR314 Conversation and Composition II; Grade Method: REG/P-F/AUD; Prerequisite: HEBR 313 or equivalent. — 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 2117) — Manekin, C

HEBR322 Israeli Literature in Translation; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 Tu.....3:30pm- 6:00pm (JMZ 0208) — Mintz, A

HEBR382 Readings in Hebrew Newspapers and Periodicals; Grade Method: REG/P-F/AUD; Prerequisite: HEBR 314 or permission of department. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1109) — Levy, N

HEBR471 Readings in Rabbinic Hebrew; Grade Method: REG/P-F/AUD; Prerequisite: HEBR 212 or permission of department. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 2117) — Manekin, C

HEBR498D Special Topics in Hebrew: The Philosophy of Spinoza; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 2117) — Manekin, C

HEBR498I Special Topics in Hebrew; Grade Method: REG/P-F/AUD; — 3 credits
0101 Time and room to be arranged — Levy, N

HEBR498R Special Topics in Hebrew: Reconstructing Ancient Civilizations - The Case of Mesopotamia; Grade Method: REG; Meets USP — 3 credits

Advanced Studies Development of Knowledge requirement;
0101 M.....2:00pm- 4:30pm (JMZ 2206) Berlin, A

HESP Hearing and Speech Sciences (Behavior & Social Sci)

HESP120 Introduction to Linguistics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 MWF.....12:00pm-12:50pm (LEF 2208) STAFF

HESP202 Introduction to Hearing and Speech Sciences; Grade Method: REG/P-F/AUD; Course chairman: McCall. — 3 credits
0101 MWF.....10:00am-10:50am (LEF 2205) Daniel, J

HESP300 Introduction to Psycholinguistics; Grade Method: REG/P-F/AUD; Prerequisite: HESP 202. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 1201) Dingwall, W

HESP311 Anatomy, Pathology and Physiology of the Auditory System; Grade Method: REG/P-F/AUD; Prerequisite: HESP 202. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 2208) Gordon-Salant,

HESP386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HESP387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HESP400 Speech and Language Development in Children; Grade Method: REG/P-F/AUD; Prerequisite: HESP 300. — 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 2208) Yeni-Komshian,

HESP402 Speech Pathology I; Grade Method: REG/P-F/AUD; Prerequisite: HESP 300. — 3 credits
0101 TuTh.....9:30am-10:45am (LEF 1201) Roth, F

HESP403 Introduction to Phonetic Science; Grade Method: REG/P-F/AUD; Prerequisite: HESP 305. — 3 credits
0101 MWF.....1:00pm- 1:50pm (LEF 2186) Dingwall, W

HESP404 Speech Pathology II; Grade Method: REG/P-F/AUD; Prerequisite: HESP 305. Course chairman: McCall. — 3 credits
0101 MWF.....11:00am-11:50am (LEF 1201) STAFF

HESP418 (PermReq) Clinical Practice in Speech-Language Pathology and Audiology; Grade Method: REG/P-F/AUD; Majors only. Course will be team taught by S. Patrick and M. McCabe. — 3 credits
0101 WF.....12:00pm-12:50pm (LEF 0135) Patrick, S
Time and room to be arranged LAB

HESP498 (PermReq) Seminar: Issues in Professional Practice; Grade Method: REG/AUD; Senior status. — 3 credits
0101 WF.....2:00pm- 3:15pm (LEF 1221) STAFF

HESP499 (PermReq) Independent Study: Topics in the Hearing and Speech Sciences; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HESP612 Fluency Disorders; Grade Method: REG/AUD; Prerequisite: permission of department. — 3 credits
0101 Tu.....1:00pm- 3:30pm (LEF 0135) Ratner, N

HESP614 Orofacial Anomalies; Grade Method: REG/AUD; Prerequisite: permission of department. — 3 credits
0101 M.....1:00pm- 3:30pm (LEF 0135) McCall, G

HESP620 Phonological and Articulatory Disorders; Grade Method: REG/AUD; — 3 credits
0101 Th.....1:00pm- 3:30pm (LEF 0135) Ratner, N

HESP635 Aural Rehabilation/Habilitation; Grade Method: REG/AUD; — 3 credits
0101 Tu.....3:30pm- 6:00pm (LEF 0135) Baker, D

HESP638 (PermReq) Research Practicum; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HESP639 (PermReq) Special Topics in Hearing and Speech Sciences: Neuropsychological Perspective of Learning Disabilities; Grade Method: REG/AUD; — 3 credits
0101 Th.....3:30pm- 6:00pm (LEF 0135) Grant, S

HESP645 Pediatric Audiology; Grade Method: REG/AUD; Prerequisite: HESP 606 or permission of department. — 3 credits
0101 W.....3:30pm- 6:00pm (LEF 0135) Baker, D

HESP648A (PermReq) Clinical Practice in Speech: Diagnostic Procedures; Grade Method: REG/AUD; Course chairman: Roth. Majors only. — 1-3 credits
0101 Time and room to be arranged Patrick, S

HESP648B (PermReq) Clinical Practice in Speech: Therapeutic Procedures; Grade Method: REG/AUD; Course chairman: Roth. Majors only. — 1-3 credits
0101 Time and room to be arranged Patrick, S

HESP649A (PermReq) Clinical Practice in Audiology: Diagnostic Audiology; Grade Method: REG/AUD; Course chairman: Gordon-Salant. Majors only. — 1-3 credits
0101 Time and room to be arranged McCabe, M

HESP649B (PermReq) Clinical Practice in Audiology: Aural Rehabilitation; Grade Method: REG/AUD; Course chairman: Gordon-Salant. Majors only. — 1-3 credits
0101 Time and room to be arranged Perlroth, L

HESP700 Hearing Aids; Grade Method: REG/AUD; — 3 credits
0101 M.....1:00pm- 3:30pm (LEF 0104A) Gordon-Salant,

HESP704 (PermReq) Physiological Phonetics; Grade Method: REG/AUD; Prerequisite: HESP 604. — 3 credits
0101 M.....3:30pm- 6:00pm (LEF 0135) Stone, M

HESP708 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HESP722 Experimental Audiology; Grade Method: REG/AUD; — 3 credits
0101 M.....3:30pm- 6:00pm (LEF 0104A) Fitzgibbons, P

HESP724 Research Design; Grade Method: REG/AUD; Prerequisite: a course in basic statistics. — 3 credits
0101 W.....1:00pm- 3:30pm (LEF 0135) Yeni-Komshian,

HESP728 (PermReq) Advanced Clinical Practice in Speech: Advanced Graduate Laboratory Practicum in Speech-Language Pathology; Grade Method: REG/AUD; Course chairman: McCall. Majors only. — 1-8 credits
0101 TBA (LEF 0135) Patrick, S
Time and room to be arranged LAB

HESP729 (PermReq) Advanced Clinical Practice in Audiology: Advanced Graduate Laboratory Practicum in Audiology; Grade Method: REG/AUD; Course chairman: McCall. Majors only. — 1-8 credits
0101 TBA (LEF 0135) McCabe, M
Time and room to be arranged LAB

HESP799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HESP869 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

HISP Historic Preservation (Architecture)

HISP700 (PermReq) Final Seminar in Historic Preservation; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged Flack, J

HIST History (Arts and Humanities)

HIST106 American Jewish Experience; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0103) Rozenblit, M

HIST110 The Ancient World; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Formerly HIST 130. Discussion sections will be assigned the first day of classes. — 3 credits
0101 TuTh.....11:00am-11:50am (KEY 0106) Eckstein, A
Time and room to be arranged DIS

HIST113 Modern Europe: 1789 - Present; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Formerly HIST 133. Discussion section assigned first class session. — 3 credits
0101 MW.....1:00pm- 1:50pm (KEY 0102) Matossian, M
Time and room to be arranged DIS

HIST156 History of the United States to 1865; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion section assigned first class session. — 3 credits
0101 TuTh.....12:00pm-12:50pm (KEY 0106) Bradbury, M
Time and room to be arranged DIS
0201 MW.....10:00am-10:50am (KEY 0106) Evans, E
Time and room to be arranged DIS
0401 TuTh.....2:00pm- 2:50pm (KEY 0106) McCusker, J
Time and room to be arranged DIS
0501 MW.....1:00pm- 1:50pm (KEY 0106) STAFF
Time and room to be arranged DIS

HIST157 History of the United States Since 1865; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Discussion sections assigned first class session. — 3 credits
0101 MW.....2:00pm- 2:50pm (KEY 1117) Ridgway, W
Time and room to be arranged DIS
0201 MW.....10:00am-10:50am (KEY 0102) Nicklason, F
Time and room to be arranged DIS
0301 TuTh.....10:00am-10:50am (KEY 0102) Kaufman, S
Time and room to be arranged DIS
0401 TuTh.....2:00pm- 2:50pm (KEY 0102) STAFF
Time and room to be arranged DIS

HIST174 Introduction to the History of Science; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Credit will be granted for only one of the following: HIST 174 or PHIL 250. Formerly HIST 200. Discussion sections will be assigned the first day of classes. — 3 credits
0101 MW.....12:00pm-12:50pm (KEY 0106) Kaplan, B
Time and room to be arranged DIS

HIST176 Modern Business History; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Formerly HIST 115. Discussion sections will be assigned the first day of classes. — 3 credits
0101 TuTh.....10:00am-10:50am (KEY 0106) Lampe, J
Time and room to be arranged DIS

HIST178A Biography in History: Western European Religious Leaders; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....9:30am-10:45am (LEF 1210) Williams, W

HIST178E Biography in History: Shapers of Islam; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0125) Stowasser, K

HIST206 The Holocaust of European Jewry; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0116) Rozenblit, M

HIST211 Women in America Since 1880; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion sections will be assigned first class session. — 3 credits
0101 TuTh.....1:00pm- 1:50pm (KEY 1117) Gullickson, G
Time and room to be arranged DIS

HIST225 Modern Military History, 1815-Present; Grade Method: REG/P-F/AUD; Discussion sections will be assigned the first day of classes. — 3 credits
0101 MW.....11:00am-11:50am (KEY 0102) Sumida, J
Time and room to be arranged DIS

HIST235 History of Britain 1461 to 1714; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion sections will be assigned at first lecture. — 3 credits
0101 TuTh.....11:00am-11:50am (KEY 0102) Breslow, M
Time and room to be arranged DIS

HIST251 Latin American History II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0103) Wright, W

HIST266 The United States in World Affairs; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0102) Smith, E

HIST283 History of the Jewish People II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion sections will be assigned at first lecture. — 3 credits
0101 TuTh.....12:30pm- 1:30pm (KEY 0116) Cooperman, B
Time and room to be arranged DIS

HIST285 East Asian Civilization II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion sections will be assigned at first lecture. — 3 credits
0101 MW.....2:00pm- 2:50pm (KEY 0116) Park, S
Time and room to be arranged DIS

HIST309B Proseminar in Historical Writing: Social History of Urban America; Grade Method: REG/P-F/AUD; — 3 credits
0201 Tu.....1:00pm- 3:00pm (KEY 0107) Flack, J
Time and room to be arranged DIS

HIST309C Proseminar in Historical Writing: Early American History; Grade Method: REG/P-F/AUD; — 3 credits
0301 Tu.....2:00pm- 4:00pm (KEY 1118) Bradbury, M
Time and room to be arranged DIS

HIST309D Proseminar in Historical Writing: U.S. Labor History; Grade Method: REG/P-F/AUD; — 3 credits
0401 Th.....4:00pm- 6:00pm (KEY 0107) Kaufman, S
Time and room to be arranged DIS

HIST309E Proseminar in Historical Writing: Family History; Grade Method: REG/AUD; — 3 credits
0101 W.....3:00pm- 5:00pm (KEY 1118) Flynn, M
Time and room to be arranged DIS

HIST309F Proseminar in Historical Writing: Civil War and Reconstruction; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....2:00pm- 4:00pm (KEY 0107) Nicklason, F
Time and room to be arranged DIS

HIST309I Proseminar in Historical Writing: Comparative World Area; Grade Method: REG/P-F/AUD; Taught by W. Wright and M. Zilfi. — 3 credits
0101 Tu.....3:00pm- 5:00pm (KEY 0107) Wright, W
Time and room to be arranged DIS

HIST316A Crisis and Change in Latin America: Slavery and Race Relations in Latin America; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Students with HIST 316A prior to Fall Semester 1989 must have permission of department to enroll in this course. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (KEY 0106) Friedel, R

HIST319A Special Topics in History: Transformation of Modern China; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....2:00pm- 4:00pm (KEY 2119) Thompson, R
Time and room to be arranged DIS

HIST319C Special Topics in History: European Popular Culture, 1100-1800; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....11:00am-12:15pm (KEY 0117) Flynn, M

HIST319D Special Topics in History: Heroes and Determinism in American Foreign Relations; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....10:00am-10:50am (KEY 0116) Cole, W
F.....10:00am-10:50am (KEY 0116) DIS
F.....11:00am-11:50am (KEY 2119) DIS

HIST327 The Roman Empire; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:30pm- 1:45pm (KEY 1117) Holum, K

HIST331 Medieval Civilization II; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0126) Bedos-Rezak, B

HIST335 Society, Ideas and Culture in the Old Regime, 1715-1789; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:30pm- 1:45pm (KEY 0107) Williams, W

HIST340 Eastern Europe Under Communism; Grade Method: REG/P-F/AUD; Course team taught with Profs. J. Lampe and M. Kovacs. — 3 credits
0101 M.....2:00pm- 4:00pm (KEY 0107) Kovacs, M
Time and room to be arranged DIS

HIST342 Fascism: Theory and Practice; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0103) Kovacs, M

HIST346 Social and Cultural History of Europe; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....9:30am-10:45am (KEY 0107) Matossian, M

HIST347 History of Crime and Punishment; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0126) Cockburn, J

HIST360 American Colonial History; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 1117) Olson, A

HIST361 The American Revolution; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0126) Evans, E

HIST364 Reconstruction and the New Nation; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....11:00am-12:15pm (KEY 1117) Smith, E

HIST365 The Progressive Period: the United States, 1896-1919; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:30pm- 1:45pm (KEY 0126) Harlan, L

HIST367 The United States Since World War II; Grade Method: REG/P-F/AUD; Discussion sections will be assigned first class session. — 3 credits
0101 MW.....11:00am-11:50am (KEY 0116) Olson, K
Time and room to be arranged DIS

HIST391 Middle East II; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0103) Stowasser, K

HIST398 Honors Colloquium II; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....2:00pm- 4:00pm (JMZ 2102) Cooperman, B
Time and room to be arranged DIS

HIST398 Honors Thesis; Grade Method: REG/P-F/AUD; — 3 credits
0101 Time and room to be arranged Olson, A

HIST404 History of Modern Biology; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0121) Darden, L

HIST407 Technology and Social Change in History; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Students with HIST 407 prior to Fall Semester 1989 must have permission of department to enroll in this course. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (KEY 0106) Friedel, R

HIST419B Special Topics in History: Women in Africa; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0116) Perinbam, B

HIST419C Special Topics in History: Jews During the Renaissance; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....3:30pm- 5:30pm (KEY 0124) Cooperman, B
Time and room to be arranged DIS

HIST419D Special Topics in History: English Revolutions; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....3:00pm- 5:00pm (KEY 0119) Breslow, M

HIST419E Special Topics in History: British Aristocracy; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0103) Kuhn, W

HIST423 Byzantine Empire II; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (KEY 0116) Majeska, G

HIST424 History of Russia to 1801; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:30pm- 1:45pm (KEY 0124) Majeska, G

HIST426 Age of Industry: Britain 1760 to 1914; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....11:00am-12:15pm (KEY 0103) Kuhn, W

HIST437 Modern France from Napoleon to DeGaulle; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0121) Sutherland, D

HIST441 Germany in the Twentieth Century, 1914-1945; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0124) Harris, J

HIST445 Twentieth Century European Diplomatic History; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0124) Kent, G

HIST451 Economic History of the United States After 1865; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0121) McCusker, J

HIST453 Diplomatic History of the United States from 1914; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....3:00pm- 4:15pm (KEY 0116) Walker, S

HIST455 Constitutional History of the United States: Since 1860; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0124) Belz, H

HIST457 History of Ideas in America Since 1865; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....9:30am-10:45am (KEY 0126) Gilbert, J

HIST459 Society in America: Historical Topics: Aspects of American Society; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 1117) Flack, J

HIST461 Blacks in American Life: 1865 to Present; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:30pm- 1:45pm (KEY 0103) Moss Jr., A

HIST473 History of the Spanish Caribbean; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....11:00am-12:15pm (KEY 0124) Warren, J

HIST475 History of Mexico and Central America II; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0124) Warren, J

HIST481 A History of Modern China; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....9:30am-10:45am (KEY 0103) Thompson, R

HIST483 History of Japan Since 1800; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0123) Tsukahira, T

HIST487 History of Soviet Foreign Relations, 1917 to Present; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....9:30am-10:45am (KEY 1117) Foust, C

HIST491 History of the Ottoman Empire; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....11:00am-12:15pm (KEY 0126) Zilfi, M

HIST496 Africa Since Independence; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0121) Perinbam, B

HIST499 Independent Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HIST602 General Seminar: American History; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:00pm (KEY 2119) Gilbert, J
Time and room to be arranged DIS

HIST603 General Seminar: European History; Grade Method: REG/AUD; Section 0101 focuses on early modern European history. Section 0201 focuses on modern European history. 3 credits
0101 Th.....7:00pm- 9:00pm (KEY 2119) Sutherland, D
Time and room to be arranged DIS

HIST609A Readings in the History of Science and Technology; Grade Method: REG/AUD; 3 credits
0101 TuTh.....3:30pm- 5:30pm (Arranged) Brush, S

HIST609B Readings in the History of Science and Technology; Grade Method: REG/AUD; Course will meet at the Smithsonian Institution. See department for building and room. Emphasis will be on History of Technology. 3 credits
0101 M.....4:00pm- 6:00pm (Arranged) Friedel, R

HIST619B (PermReq) Special Topics in History: Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HIST619C Special Topics in History: Readings in Afro-American History; Grade Method: REG/AUD; 3 credits
0101 M.....4:00pm- 6:00pm (KEY 1118) Moss Jr., A
Time and room to be arranged DIS

HIST619D Special Topics in History: Readings in European Diplomatic History; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Kent, G
Time and room to be arranged DIS

HIST619F Special Topics in History: Archival Management; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:00pm (KEY 1118) Papenfuse, E
Time and room to be arranged DIS

HIST619G Special Topics in History: Readings in Modern Military History; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:00pm (KEY 0107) Sumida, J
Time and room to be arranged DIS

HIST629 Readings in the American Revolution and the Formative Period; Grade Method: REG/AUD; 3 credits
0101 W.....5:00pm- 7:00pm (KEY 1118) Hoffman, R
Time and room to be arranged DIS

HIST638 Readings in the Middle Period and Civil War; Grade Method: REG/AUD; 3 credits
0101 M.....4:00pm- 6:00pm (KEY 0107) Ridgway, W
Time and room to be arranged DIS

HIST658 Readings in American Constitutional History; Grade Method: REG/AUD; 3 credits
0101 Th.....3:00pm- 5:00pm (KEY 1118) Belz, H
Time and room to be arranged DIS

HIST729 Readings in Modern European History; Grade Method: REG/AUD; 3 credits
0101 Th.....5:00pm- 7:00pm (KEY 1118) Harris, J
Time and room to be arranged DIS

HIST739 Readings in the History of Great Britain; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:00pm (KEY 1118) Cockburn, J
Time and room to be arranged DIS

HIST759 Readings in Russian and Soviet History; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:00pm (KEY 1118) Foust, C
Time and room to be arranged DIS

HIST779 (PermReq) Readings in Middle Eastern History; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Stowasser, K

HIST799 Master's Thesis Research; Grade Method: REG/S-F; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HIST808 Seminar in the History of Science and Technology; Grade Method: REG/AUD; 3 credits
0101 TuTh.....3:30pm- 5:30pm (Arranged) Brush, S

HIST809 Seminar in the History of Women; Grade Method: REG/AUD; 3 credits
0101 Th.....5:00pm- 7:00pm (KEY 2119) Gullickson, G
Time and room to be arranged DIS

HIST839 Seminar in Medieval and Early Modern European History: Paleography - Script and Society in Medieval and Early Modern Europe; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:00pm (KEY 0116) Bedos-Rezak, B
Time and room to be arranged DIS

HIST841 Seminar in Roman History; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:00pm (KEY 1118) Holum, K
Time and room to be arranged DIS

HIST856 Seminar in Modern European Diplomatic History; Grade Method: REG/AUD; Prerequisite: reading ability of either French or German. 3 credits
0101 Th.....3:00pm- 5:00pm (KEY 2119) Kent, G
Time and room to be arranged DIS

HIST858 (PermReq) Seminar in the History of Great Britain; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Price, R

HIST878 Seminar in Colonial American History; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:00pm (KEY 2119) Olson, A
Time and room to be arranged DIS

HIST896 Seminar in the History of American Foreign Policy; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:00pm (KEY 2119) Cole, W
Time and room to be arranged DIS

HIST898 Seminar in Recent American History; Grade Method: REG; 3 credits
0101 W.....7:00pm- 9:00pm (KEY 2119) Olson, K
Time and room to be arranged DIS

HIST899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

HLTH Health (Phys Ed, Recr, & Health)

HLTH105 Science and Theory of Health; Grade Method: REG/P-F/AUD; 2 credits
0101 TuTh.....10:00am-10:50am (PRH 0302) Hyde, D

HLTH106 Drug Use and Abuse; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (PRH 1303) Beck, K
0201 MWF.....1:00pm- 1:50pm (PRH 1312) Scaffa, M

HLTH140 Personal and Community Health; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (PRH 1303) Edwards, M
0201 MWF.....11:00am-11:50am (PRH 0308) Luxenberg, D
0401 TuTh.....11:00am-12:15pm (PRH 0302) Mann, P
0501 TuTh.....12:30pm- 1:45pm (PRH 1301) Hyde, D

HLTH150 First Aid and Emergency Medical Services; Grade Method: REG/P-F/AUD; 2 credits
0301 M.....9:00am-10:45am (PRH 0302) Swift, R
0401 W.....9:00am-10:45am (PRH 0302) Swift, R

HLTH285 Controlling Stress and Tension; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....11:00am-11:50am (PRH 1312) Schiraldi, G
0301 Th.....4:15pm- 6:45pm (PRH 1312) Allen, R
0401 Tu.....4:15pm- 6:45pm (PRH 1312) Allen, R
0501 W.....4:15pm- 6:45pm (PRH 1312) Greenberg, J

HLTH371 Communicating Safety and Health; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (PRH 0305) Klos, D

HLTH377 Human Sexuality; Grade Method: REG/P-F/AUD; Students who have received credit for HLTH 477 not eligible. 3 credits
0201 TuTh.....11:00am-12:15pm (PRH 1312) Desmond, S
0301 W.....7:00pm- 9:40pm (PRH 1312) Sawyer, R

HLTH386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HLTH387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HLTH420 (PermReq) Methods and Materials in Health Education; Grade Method: REG/P-F/AUD; Prerequisites: HLTH 105 or HLTH 140. 3 credits
0101 Tu.....4:15pm- 6:45pm (PRH 1303) Miller, C
0201 Th.....4:15pm- 6:45pm (PRH 1303) Miller, C

HLTH430 Health Education in the Workplace; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....4:15pm- 6:45pm (PRH 0307) Baker, E

HLTH450 Health of Children and Youth; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (PRH 1301) Zannis, M

HLTH455 Physical Fitness of the Individual; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (PRH 0308) Mann, P

HLTH471 Women's Health; Grade Method: REG/P-F/AUD; Open to students with at least 56 credits earned. 3 credits
0101 TuTh.....12:30pm- 1:45pm (PRH 1302) Desmond, S

HLTH476 Death Education; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (PRH 1312) Leviton, D

HLTH487 Adult Health and Developmental Program; Grade Method: REG/P-F/AUD; First class meeting is February 3. 3 credits
0101 Sa.....8:30am- 1:30pm (COL 0100) Leviton, D

HLTH489 (PermReq) Field Laboratory Projects and Workshop; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HLTH498D Special Topics in Health: Personal and Community Perspectives on Alcohol and Drug Use; Grade Method: REG/P-F/AUD; Section 0101 meets in Cumberland Hall, room 0121 and is open to residence hall students only. 3 credits
0101 TuTh.....9:30am-10:45am (Arranged) Scaffa, M
0201 W.....4:15pm- 6:45pm (PRH 0308) Quinn, S

HLTH498F Special Topics in Health: Alcohol Use-Trends and Problems; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (COL 0113) Clearwater, H

HLTH498I (PermReq) Special Topics in Health: Internship in Community Health Education; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Alexander, L

HLTH498R Special Topics in Health: Introduction to Community Health; Grade Method: REG/P-F/AUD; Prerequisite: MICB 100 or 200. 3 credits
0101 TuTh.....9:30am-10:45am (PRH 0301) Alexander, L

HLTH498T Special Topics in Health: Ways of Knowing About Human Stress and Tension; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: HLTH 285. Student must present unofficial transcript to instructor on the first day of classes. Juniors and seniors only. 3 credits
0101 M.....4:15pm- 6:45pm (PRH 0302) Schiraldi, G

HLTH498X Special Topics in Health: Aids Education and Prevention; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....7:00pm- 9:40pm (PRH 0308) Thomas, S

HLTH650 Health Problems in Guidance; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:45pm (PRH 0301) Everly, G

HLTH666 Health Behavior II; Grade Method: REG/AUD; Prerequisite: HLTH 665. 3 credits
0101 W.....4:15pm- 6:45pm (PRH 0301) Feldman, R

HLTH680 The Dynamics of Coping with Stress; Grade Method: REG/AUD; Prerequisite: HLTH 285 or permission of department. Graduate students only. 3 credits
0101 W.....7:00pm- 9:40pm (PRH 0303) Schiraldi, G

HLTH688 (PermReq) Special Problems in Health Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HLTH688A Special Problems in Health Education: Aids Education and Prevention; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:40pm (PRH 0308) Thomas, S

HLTH688Q Special Problems in Health Education: Quantitative Methods in Health Education; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 6:45pm (PRH 0301) Gold, R

HLTH688W Special Problems in Health Education: Grantsmanship and Proposal Writing in Health; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:45pm (PRH 0303) Gold, R

HLTH688X (PermReq) Special Problems in Health Education: Stress Management Education: Materials and Methods Practicum; Grade Method: REG/AUD; Prerequisite: HLTH 688D, HLTH 688T or HLTH 680. Limited to health education graduate students or permission. 3 credits
0101 Th.....4:15pm- 6:45pm (PRH 0301) Schiraldi, G

HLTH720 Scientific Foundations of Health Education; Grade Method: REG; 3 credits
0101 Tu.....4:15pm- 6:45pm (PRH 1301) Alexander, L

HLTH730 Problems in Weight Control; Grade Method: REG/AUD; Prerequisite: HLTH 720 or permission of department. 3 credits
0101 W.....4:15pm- 6:45pm (PRH 0307) Mann, P

HLTH740 Modern Theories of Health; Grade Method: REG/AUD; Grad students only. 3 credits
0101 M.....4:15pm- 6:45pm (PRH 0308) Greenberg, J

HLTH750 (PermReq) Stress and Disease; Grade Method: REG/AUD; Grad students only. 3 credits
0101 Th.....7:00pm- 9:45pm (PRH 0302) Allen, R

HLTH775 Health Education Program Planning and Evaluation; Grade Method: REG/AUD; Prerequisites: HLTH 710 and permission of department. 3 credits
0101 Th.....4:15pm- 6:45pm (PRH 0302) Beck, K

HLTH785 (PermReq) Internship in Health Education; Grade Method: REG; Prerequisites: [HLTH 665; and HLTH 775; and HLTH 780]; or permission of department. 3 credits
0101 TBA (PRH 2387) Clearwater, H

HLTH799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HLTH899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

HONR Honors (Undergraduate Studies)

ALL HONR courses are open to students enrolled in University Honors and/or Departmental Honors programs and to others by permission of the Director of University Honors. Detailed descriptions of University Honors seminars can be found in the course description brochure available in the Honor's Office, 0110 Hornbake Library, x2532. All Honors courses require approval prior to registration.

HONR118A (PermReq) Freshman Honors Colloquium: Cultural and Historical: In Search of Ancient Astronomies; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 W.....6:00pm- 9:00pm (HBK 0108) DIS Carlson, J

HONR118B (PermReq) Freshman Honors Colloquium: Cultural and Historical: Manuals for Living in Hard Times; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 F.....10:00am-12:30pm (HBK 0108) DIS Retallack, J

HONR118C (PermReq) Freshman Honors Colloquium: Cultural and Historical: The Golden Section: Fact or Fantasy; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 Tu.....2:00pm- 5:00pm (JMZ 2102) DIS McWhinnie, H

HONR128A (PermReq) Freshman Honors Colloquium: Natural Sciences and Mathematics: Our Nuclear Society: From Chernobyl to PET Scans; Grade Method: REG; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 W.....2:00pm- 4:30pm (HBK 0123) DIS Mignerey, A

HONR128B (PermReq) Freshman Honors Colloquium: Natural Sciences and Mathematics: Genes and Society; Grade Method: REG; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 W.....6:00pm- 9:00pm (HBK 0123) Wilkinson, G

HONR128C (PermReq) Freshman Honors Colloquium: Natural Sciences and Mathematics: Natural History of Maryland; Grade Method: REG; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 MWF.....8:00am-10:00am (HBK 0108) DIS Messersmith, D

HONR138A (PermReq) Freshman Honors Colloquium: Literature and the Arts: Varieties of Religious Experience in Modern Fiction; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 Tu.....7:00pm- 9:30pm (HBK 0108) DIS Mintz, A

HONR138B (PermReq) Freshman Honors Colloquium: Literature and the Arts: Mysteries; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 Th.....12:30pm- 3:00pm (HBK 0108) DIS Retallack, J

HONR138C (PermReq) Freshman Honors Colloquium: Literature and the Arts: Literature and Animals: The Beast Within, The Beast Without; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 Tu.....2:00pm- 4:30pm (HBK 1116) Davis, K

HONR138D (PermReq) Freshman Honors Colloquium: Literature and the Arts: Images of Masculinity in 20th Century American Literature; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 Tu.....3:00pm- 5:30pm (HBK 0123) O'Sullivan, S

HONR148A (PermReq) Freshman Honors Colloquium: Social and Behavioral Sciences: Women and Madness; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 W.....7:00pm- 9:30pm (HBK 0125) DIS Weinstein-Alber

HONR148B (PermReq) Freshman Honors Colloquium: Social and Behavioral Sciences: War And Western Society; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 W.....2:00pm- 4:30pm (HBK 0108) DIS Boyd, C

HONR318X (PermReq) Honors Seminar: Cultural and Historical: People and Society; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; Restricted to students who are members of the Honors Learning Community (HLC). 3 credits
0101 M.....2:00pm- 4:30pm (HBK 0123) DIS STAFF

HONR338A (PermReq) Honors Seminar: Literature and the Arts: A Different Way of Seeing: Native American Perception; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; At times class will meet beyond the scheduled time. 3 credits
0101 F.....3:00pm- 5:00pm (HBK 0123) DIS Niese, H
Time and room to be arranged DIS

HONR338B (PermReq) Honors Seminar: Literature and the Arts: Studies in Literature of the British Commonwealth; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 TuTh.....12:30pm- 2:00pm (HBK 0123) DIS Russell, J

HONR348A (PermReq) Honors Seminar: Social and Behavioral Sciences: Aging and the Built Environment; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....11:00am-12:30pm (HBK 0108) Chen, A

HONR348B (PermReq) Honors Seminar: Social and Behavioral Sciences: Alternatives to Violence; Grade Method: REG/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 W.....7:00pm- 9:30pm (HBK 1108) DIS McCarthy, C

HONR348C (PermReq) Honors Seminar: Social and Behavioral Sciences: The Rise of the East; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 M.....1:00pm- 3:30pm (HBK 0108) Matossian, M

HONR368A (PermReq) Honors Seminar: Development of Knowledge: Literature As Equipment For Living; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Taught by Dr. Susan Handelman, Distinguished Scholar Teacher. 3 credits
0101 Tu.....1:00pm- 3:30pm (HBK 0108) DIS Handelman, S

HONR368B (PermReq) Honors Seminar: Development of Knowledge: Physics, The Structure of Matter and the Cosmos; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Taught by Dr. John Sucher, Distinguished Scholar Teacher. 3 credits
0101 TuTh.....2:00pm- 3:15pm (HBK 1108) DIS Sucher, J

HONR370 (PermReq) Honors Thesis or Project; Grade Method: S-F; Available only to General Honors Students. 3-6 credits
0101 Time and room to be arranged STAFF
0601 Time and room to be arranged Stone, C

HONR378A (PermReq) Honors Seminar: Analysis of Human Problems: Lawyers and the Adversary System; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 F.....9:30am-12:00pm (HBK 0123) DIS Pavela, G

HONR378B (PermReq) Honors Seminar: Analysis of Human Problems: Leadership; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 Tu.....2:00pm- 4:45pm (LEF 2123) Stone, C

HONR378C (PermReq)	Honors Seminar: Analysis of Human Problems: Ethics in Engineering Practice; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement;		3 credits
0101	MWF.....8:00am- 8:50am (EGR 2102)	McCuen, R	
HONR379 (PermReq)	Honors Independent Study; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Available only to General Honors students.		1-6 credits
HONR379A (PermReq)	Honors Independent Study: Writing Workshop; Grade Method: S-F; Students may register for more than 3 credits with permission of instructor. Writing Workshop may be repeated, for a total of 6 credits, with permission of instructor.		3-6 credits
0101	Th.....4:30pm- 7:30pm (HBK 0123) DIS	Retallack, J	
HONR386 (PermReq)	Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with HONR 387.		1-3 credits
HONR387 (PermReq)	Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with HONR 386.		1-3 credits

---

HORT Horticulture (Agriculture)

HORT100	Introduction to Horticulture; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement;		3 credits
0101	TuTh.....6:00pm- 7:15pm (SYM 0200)	Graves, W	
HORT202	Management of Horticultural Crops; Grade Method: REG/P-F/AUD; Prerequisite: BIOL 105. Section 0101 instructors are F. Gouin and J. Bouwkamp.		4 credits
0101	TuTh.....12:30pm- 1:45pm (HZF 1108) Tu.....2:00pm- 5:00pm (HAR 1105) LAB	Gouin, F	
HORT260	Graphic Communications; Grade Method: REG/P-F/AUD; Prerequisites: HORT 160 and EDIT 160.		2 credits
0101	MF.....2:00pm- 4:00pm (HZF 2106) LAB	Scarfo, R	
HORT386 (PermReq)	Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.		1-3 credits
HORT387 (PermReq)	Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.		1-3 credits
HORT398	Seminar; Grade Method: REG/P-F/AUD; Prerequisite: senior standing. Horticultural majors only.		1 credit
0101	W.....4:00pm- 4:50pm (HZF 0128B)	Ng, T	
HORT399 (PermReq)	Special Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.		2 credits
HORT454	Woody Plant Materials II; Grade Method: REG/P-F/AUD; Prerequisite: BOTN 212.		3 credits
0101	MF.....1:00pm- 1:50pm (SYM 0200) W.....1:00pm- 4:00pm (HZF 0128B) LAB	Mityga, M	
HORT456	Nursery Crop Production; Grade Method: REG/P-F/AUD; Pre- or corequisites: HORT 201; and HORT 202; and HORT 271. Four all day Saturday trips required.		3 credits
0101	TuTh.....6:00pm- 6:50pm (HZF 1106) Time and room to be arranged LAB	Gouin, F	
HORT464	Principles of Landscape Construction; Grade Method: REG/P-F/AUD; Prerequisite: HORT 361.		3 credits
0101	MW.....10:00am-10:50am (HZF 0128B) MW.....11:00am-12:50pm (HZF 2106) LAB	Hamed, S	
HORT466	Advanced Landscape Design; Grade Method: REG/AUD; Prerequisites: HORT 462; and HORT 465; and HORT 452.		3 credits
0101	Tu.....9:00am-10:50am (HZF 2106) Th.....9:00am-11:50am (HZF 2106) LAB	STAFF	
HORT474	Physiology of Maturation and Storage of Horticultural Crops; Grade Method: REG/P-F/AUD; Pre- or corequisite: BOTN 441.		3 credits
0101	MW.....9:00am- 9:50am (HZF 1108) F.....8:00am- 9:50am (HZF 1125) LAB	Ng, T	
HORT683	Light and Plant Development; Grade Method: REG/AUD; Prerequisite: BOTN 441 or permission of instructor. Recommended: PHYS 263, PHYS 406, BOTN 484.		3 credits
0101	TuTh.....9:30am-10:45am (HZF 1102)	Deitzer, G	
HORT699 (PermReq)	Special Problems in Horticulture; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.		1-3 credits
HORT798	Advanced Seminar; Grade Method: SATISFACTORY/AUDIT;		1 credit
0101	Th.....4:00pm- 4:50pm (HZF 0128B)	Quebedeaux, B	
HORT799	Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.		1-6 credits
HORT899	Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.		1-8 credits

---

HSAD Housing and Design (Arts and Humanities)

HSAD210	Presentation Techniques I; Grade Method: REG/P-F/AUD; Prerequisite: APDS 103 or equivalent. For interior design majors only. Attendance on the first day of classes is mandatory.		3 credits
0101	TuTh.....4:30pm- 7:00pm (MRH 1108)	STAFF	
HSAD246	Materials of Interior Design; Grade Method: REG/P-F/AUD; Prerequisite: APDS 103 or equivalent. For interior design majors only. Attendance on the first day of classes is mandatory.		3 credits
0101	MWF.....9:00am- 9:50am (MRH 1304)	Hoover, B	
HSAD341	Contemporary Developments in Architecture, Interiors, Furnishings; Grade Method: REG/P-F/AUD; Prerequisite: HSAD 246 and permission of department. Offered spring only. Attendance on the first day of classes is mandatory.		3 credits
0101	MW.....4:00pm- 5:15pm (MRH 1400)	STAFF	
HSAD342	Space Development; Grade Method: REG/P-F/AUD; Prerequisites: HSAD 210; and HSAD 246. Interior design majors only. Attendance on the first day of classes is mandatory.		3 credits
0101	TuTh.....1:30pm- 4:00pm (MRH 1108) LAB	Francescato, G	
HSAD343	Interior Design I; Grade Method: REG/P-F/AUD; Prerequisite: HSAD 342. For interior design majors only. Attendance on the first day of classes is mandatory.		3 credits
0101	MW.....11:00am- 1:30pm (MRH 1108) LAB	Hoover, B	
HSAD344	Interior Design II; Grade Method: REG/P-F/AUD; Prerequisite: HSAD 343. For interior design majors only. Attendance on the first day of classes is mandatory. Beginning Fall 1990 semester HSAD 345 will be offered Fall semesters only.		3 credits
0101	TuTh.....11:30am- 1:30pm (MRH 1108) LAB	STAFF	
HSAD345	Professional Aspects of Interior Design; Grade Method: REG/P-F/AUD; Prerequisite: HSAD 343. For interior design majors only. Attendance on the first day of classes is mandatory. Beginning Fall 1990 semester HSAD 345 will be offered during Fall semesters only.		3 credits
0101	W.....10:00am-11:00am (MRH 2407) F.....10:30am-11:30am (MRH 2407) LAB	Hoover, B	
HSAD362	Ideas in Design; Grade Method: REG/P-F/AUD; Prerequisite: completion of Distributive Studies Areas A and C. Junior standing. Attendance on the first day of classes is mandatory.		3 credits
0101	MW.....2:00pm- 3:15pm (ASY 2309)	Bonta, J	
HSAD386 (PermReq)	Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with HSAD 387. Portfolio review and written consent of instructor required.		1-3 credits
HSAD387 (PermReq)	Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with HSAD 386. Portfolio review and written consent of instructor required.		1-3 credits
HSAD440	Interior Design III; Grade Method: REG/P-F/AUD; Prerequisite: HSAD 344. Class meets first 8 weeks: Jan 26- March 13. Students must be enrolled concurrently in HSAD 441. Interior design majors only. Attendance on the first day of classes is mandatory.		4 credits
0101	Meets 01/22/90 - 03/16/90 MWF.....1:30pm- 5:30pm (MRH 1108) LAB	STAFF	
HSAD441	Interior Design IV; Grade Method: REG/P-F/AUD; Prerequisite: HSAD 440. Class meets second 8 weeks: March 23- May 14. Interior design majors only. Attendance on the first day of classes is mandatory.		4 credits
0101	Meets 03/26/90 - 05/14/90 MWF.....1:30pm- 5:30pm (MRH 1108) LAB	STAFF	
HSAD488A	Selected Topics in Housing and Interior Design: Computer Applications in Space Design; Grade Method: REG/P-F/AUD; Prerequisite: HSAD 342 and HSAD 488C or consent of instructor. Attendance on the first day of classes is mandatory.		3 credits
0101	Tu.....5:00pm- 7:30pm (MRH 1413A) Th.....5:00pm- 7:30pm (MRH 1413A) LAB	STAFF	
HSAD488G	Selected Topics in Housing and Interior Design: Computer Imaging; Grade Method: REG/P-F/AUD; Prerequisite: consent of instructor. Attendance on the first day of classes is mandatory.		3 credits
0101	Th.....3:30pm- 5:00pm (MRH 1413A) Tu.....2:00pm- 5:00pm (MRH 1413A) LAB	Gips, C	
HSAD488J (PermReq)	Selected Topics in Housing and Interior Design: Computer-Generated Decorative Patterns for Interior Designers; Grade Method: REG/P-F/AUD; Prerequisites: interior design majors only; experience with AUTOCAD and permission of instructor. Attendance on the first day of classes is mandatory.		1-6 credits
0101	M.....10:30am-12:00pm (MRH 1413B) W.....10:30am- 1:00pm (MRH 1413B) LAB	Bonta, J	
HSAD488K (PermReq)	Selected Topics in Housing and Interior Design: Urban Management: Personnel, Budgeting, and Planning; Grade Method: REG/P-F/AUD; Attendance on the first day of classis is mandatory.		3 credits
0101	Tu.....6:30pm- 9:10pm (LEF 1201)	Levin, M	
HSAD488W (PermReq)	Selected Topics in Housing and Interior Design: Housing Development Overview; Grade Method: REG/AUD;		3 credits
0101	Tu.....4:00pm- 6:30pm (KEY 0126)	STAFF	
HSAD499A (PermReq)	Individual Study in Housing and/or Interior Design; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.		3-4 credits
HSAD499B (PermReq)	Individual Study in Housing and/or Interior Design; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.		3-4 credits

---

ITAL Italian (Arts and Humanities)

Please note: a booklet fully describing courses to be offered is available in the office of the Department of French and Italian, 3106 Ramon Jimenez Building. For help in placement advising, see Dr. Charles Russell.

ITAL101	Elementary Italian I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Credit will be granted for only one of the following: ITAL 101 or ITAL 121.		4 credits
0101	MTuWF.....9:00am- 9:50am (JMZ 2125)	STAFF	
0201	MWF.....10:00am-10:50am (JMZ 0118) Tu.....10:00am-10:50am (JMZ 0118)	STAFF	
0301	MWF.....11:00am-11:50am (JMZ 0122) Tu.....11:00am-11:50am (JMZ 0122)	STAFF	
0401	MWF.....12:00pm-12:50pm (JMZ 0122) Tu.....12:00pm-12:50pm (JMZ 0122)	STAFF	
0501	MWF.....1:00pm- 1:50pm (JMZ 0122) Tu.....1:00pm- 1:50pm (JMZ 0122)	STAFF	
ITAL102	Elementary Italian II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: ITAL 101 or permission of department.		4 credits
0101	MWThF.....9:00am- 9:50am (JMZ 2122)	STAFF	
0201	MWThF.....10:00am-10:50am (JMZ 2122)	STAFF	
0301	MWF.....12:00pm-12:50pm (JMZ 2125) Th.....12:00pm-12:50pm (JMZ 0118)	STAFF	
ITAL122	Accelerated Italian II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: ITAL 121. Credit will be granted for only one of the following: ITAL 203 or ITAL 122.		3 credits
0101	MWF.....1:00pm- 1:50pm (JMZ 2123)	STAFF	
ITAL122H	Accelerated Italian II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: ITAL 121. Credit will be granted for only one of the following: ITAL 203 or ITAL 122.		3 credits
0101	MWF.....1:00pm- 1:50pm (JMZ 2123)	STAFF	
ITAL203	Intermediate Italian; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: ITAL 102. Credit will be granted for only one of the following: ITAL 203 or ITAL 122.		4 credits
0101	MWF.....1:00pm- 1:50pm (JMZ 2125) Th.....1:00pm- 1:50pm (JMZ 2125)	STAFF	
ITAL204	Review Grammar and Composition; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: ITAL 203 or ITAL 122, or permission of department.		3 credits
0101	MWF.....10:00am-10:50am (JMZ 3120)	Russell, C	
ITAL211	Intermediate Conversation; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: ITAL 203 or permission of department. Not open to native speakers.		3 credits
0101	MWF.....11:00am-11:50am (JMZ 3120)	Russell, C	
ITAL301	Composition and Style; Grade Method: REG/P-F/AUD; Prerequisite: ITAL 204 or permission of department.		3 credits
0101	MWF.....12:00pm-12:50pm (JMZ 2122)	Amodeo, S	
ITAL352	Italian Literature From the Renaissance to the Present; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Prerequisite: ITAL 204 or ITAL 251 or permission of department.		3 credits
0101	MWF.....2:00pm- 2:50pm (JMZ 2125)	Falvo, G	
ITAL399 (PermReq)	Directed Study in Italian; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with consent of instructor.		1-3 credits
ITAL411	Dante; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Credit will be granted for only one of the following: ITAL 411 or ITAL 412. Class is taught in English.		3 credits
0101	MWF.....10:00am-10:50am (JMZ 3118)	Russell, C	
ITAL421	The Italian Renaissance; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Credit will be granted for only one of the following: ITAL 421 or ITAL 422. Formerly ITAL 410.		3 credits
0101	MWF.....11:00am-11:50am (JMZ 0105)	Falvo, G	
ITAL498B	Special Topics in Italian Literature: The Italian Renaissance; Grade Method: REG/P-F/AUD; Class taught in Italian. Meets one additional hour per week. See Dr. Falvo for details.		3 credits
0101	MWF.....11:00am-11:50am (JMZ 0105)	Falvo, G	
ITAL498C	Special Topics in Italian Literature: Dante; Grade Method: REG/P-F/AUD; Class taught in Italian. Meets one additional hour per week. See Dr. Russell for details.		3 credits
0101	MWF.....10:00am-10:50am (JMZ 3118)	Russell, C	

IVSP Individual Studies Program (Undergraduate Studies)

IVSP318 (PermReq)	Individual Studies; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.		1-15 credits
IVSP319 (PermReq)	Tutorial Report; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number.		1 credit
IVSP320 (PermReq)	Bachelor's Report; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.		3 credits

---

JAPN Japanese (Arts and Humanities)

JAPN102	Elementary Japanese II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: JAPN 101 or equivalent.		6 credits
0101	MWF.....9:00am-11:00am (HZF 1101)	Miura, E	
0201	MWF.....9:00am-11:00am (HZF 1102)	Ramsey, S	
0301	MWF.....11:00am- 1:00pm (JMZ 2120)	Yaginuma, K	
JAPN203	Intermediate Spoken Japanese II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: JAPN 201 or equivalent.		3 credits
0101	MWF.....11:00am-11:50am (JMZ 1124)	Miura, E	
0201	MWF.....9:00am- 9:50am (JMZ 1125)	Yaginuma, K	
JAPN204	Intermediate Written Japanese II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: JAPN 202 or equivalent.		3 credits
0101	MWF.....12:00pm-12:50pm (JMZ 2102)	Miura, E	
JAPN302	Advanced Japanese II; Grade Method: REG/P-F/AUD; Prerequisite: JAPN 301 or equivalent.		3 credits
0101	MWF.....12:00pm-12:50pm (JMZ 1124)	Sano, T	
JAPN304	Business Japanese II; Grade Method: REG/P-F/AUD; Prerequisite: JAPN 303 or equivalent.		3 credits
0101	MWF.....10:00am-10:50am (JMZ 1124)	Yaginuma, K	
JAPN402	Readings in Modern Japanese II; Grade Method: REG/P-F/AUD; Prerequisite: JAPN 401 or equivalent.		3 credits
0101	TuTh.....1:00pm- 2:20pm (JMZ 1123)	Rimer, T	
JAPN422	Introductory Japanese Linguistics; Grade Method: REG/P-F/AUD;		3 credits
0101	MWF.....11:00am-11:50am (JMZ 0202)	Ramsey, S	
JAPN499A (PermReq)	Directed Study in Japanese: Diplomatic Translation; Grade Method: REG/P-F/AUD;		1-3 credits
0101	Time and room to be arranged	Sano, T	
JAPN499B	Directed Study in Japanese; Grade Method: REG/P-F/AUD;		1-3 credits
0101	Time and room to be arranged	STAFF	

JOUR Journalism (Journalism)

JOUR100	Introduction to Mass Communication; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;		3 credits
0101	TuTh.....2:00pm- 3:15pm (ARC 0204)	Smith, M	
JOUR101	Professional Orientation; Grade Method: REG; Corequisite: JOUR 201 or equivalent. Provisional or regular majors only. Formerly JOUR 001. Corequisite or prerequisite for JOUR 201. Required for all majors. Class meets 15 sessions (1/2 semester). Check syllabus at first day of class for exact schedule.		1 credit
0101	MW.....11:00am-11:50am (ASY 2203)	Stewart, G	
JOUR201	Writing For Mass Media; Grade Method: REG; Pre- or corequisite: JOUR 101. Prerequisite: 30 words per minute typing ability; provisional or direct admission to journalism major. Must have at least 28 credit hours earned. A 5-minute typing test is required prior to registration. It will be offered January 24, 31, 2-4 pm, and February 5, 8-10am, in JRN 3103. A proficiency test for applicability of JOUR 201 credit taken at another institution will be given January 31, 2-4pm, in JRN 3102. Register for the proficiency test in JRN 1117.		3 credits
0101	Tu.....12:00pm- 2:00pm (JRN 3102) Th.....12:00pm- 2:00pm (JRN 3102) LAB	Rees, M	
0201	Tu.....4:00pm- 6:00pm (JRN 3102) Th.....4:00pm- 6:00pm (JRN 3102) LAB	Rees, M	
0301	M.....8:00am-10:00am (JRN 3103) W.....8:00am-10:00am (JRN 3103) LAB	STAFF	
0401	M.....12:00pm- 2:00pm (JRN 3103) W.....12:00pm- 2:00pm (JRN 3103) LAB	McKay, F	
0501	M.....4:00pm- 6:00pm (JRN 3102) W.....4:00pm- 6:00pm (JRN 3102) LAB	McKay, F	
0601	Tu.....6:00pm- 8:00pm (JRN 3102) Th.....6:00pm- 8:00pm (JRN 3102) LAB	Goldman, J	
JOUR202	Editing For the Mass Media; Grade Method: REG; Prerequisite: grade of C or better in JOUR 201. For majors only. Must have at least 28 credit hours earned.		3 credits

0101 M.....10:00am-12:00pm (JRN 3111) Bussey, C
W.....10:00am-12:00pm (JRN 3111) LAB
0201 M.....2:00pm- 4:00pm (JRN 3111) Gibson, J
W.....2:00pm- 4:00pm (JRN 3111) LAB
0301 M.....10:00am-12:00pm (JRN 3102) Obermeyer, H
W.....10:00am-12:00pm (JRN 3102) LAB
0401 M.....8:00am-10:00am (JRN 3111) STAFF
W.....8:00am-10:00am (JRN 3111) LAB
0501 Tu.....4:00pm- 6:00pm (JRN 3103) Smith, M
Th.....4:00pm- 6:00pm (JRN 3103) LAB
0601 Tu.....10:00am-12:00pm (JRN 3103) Smith, M
Th.....10:00am-12:00pm (JRN 3103) LAB

JOUR320 News Reporting; Grade Method: REG; Prerequisite: grade of C or better in JOUR 201. For JOUR majors only. — 3 credits
0101 M.....6:00pm- 8:00pm (JRN 3111) Quinlan, M
W.....6:00pm- 8:00pm (JRN 3111) LAB
0201 M.....6:00pm- 8:00pm (JRN 3103) STAFF
W.....6:00pm- 8:00pm (JRN 3103) LAB
0301 M.....8:00am-10:00am (JRN 3102) STAFF
W.....8:00am-10:00am (JRN 3102) LAB
0401 Tu.....8:00am-10:00am (JRN 3103) Sheler, S
Th.....8:00am-10:00am (JRN 3103) LAB

JOUR322 Advanced Reporting: Beats and Investigation; Grade Method: REG; Prerequisite: JOUR 320. — 3 credits
0101 W.....12:00pm- 2:00pm (JRN 1116) Stepp Jr., A
Time and room to be arranged LAB

JOUR328 Specialized News Reporting; Specialized News Reporting; Grade Method: REG; Prerequisite: JOUR 320. — 3 credits
0101 TBA (JRN 2116) Gallman, V

JOUR330 Public Relations Theory; Grade Method: REG; Prerequisite: grade of C or better in JOUR 201. Majors and BMGT 0515A and BMGT 05090. — 3 credits
0101 MW.....9:30am-10:45am (JRN 1105) Grunig, J

JOUR331 Public Relations Techniques; Grade Method: REG; Prerequisites: JOUR 330; and grade of C or better in JOUR 202. — 3 credits
0101 M.....12:00pm- 2:00pm (JRN 3102) Marra, F
W.....12:00pm- 2:00pm (JRN 3102) LAB
0201 Tu.....2:00pm- 4:00pm (JRN 3102) Zerbinos, E
Th.....2:00pm- 4:00pm (JRN 3102) LAB

JOUR340 Advertising Communication; Grade Method: REG; Prerequisite: grade of C or better in JOUR 201. Majors only and BMGT 0515A and BMGT 05090. — 3 credits
0101 F.....9:00am-12:00pm (JRN 1105) Keenan, K

JOUR341 Advertising Techniques; Grade Method: REG; Prerequisites: JOUR 340; and grade of C or better in JOUR 202. — 3 credits
0101 Tu.....10:00am-12:00pm (JRN 3111) Zanot, E
Th.....10:00am-12:00pm (JRN 3111) LAB
0201 Tu.....2:00pm- 4:00pm (JRN 3111) Zanot, E
Th.....2:00pm- 4:00pm (JRN 3111) LAB

JOUR342 Advertising Media Planning; Grade Method: REG/P-F/AUD; Prerequisite: JOUR 340. — 3 credits
0101 Tu.....8:00am- 9:15am (JRN 1105) Keenan, K
Th.....8:00am- 9:15am (JRN 1105) LAB
0201 Tu.....11:00am-12:15pm (JRN 1105) Keenan, K
Th.....11:00am-12:15pm (JRN 1105) LAB

JOUR350 Photojournalism; Grade Method: REG; Prerequisite: grade of C or better in JOUR 201. Not open to students who have completed JOUR 372. Majors only. Students should estimate lab costs running approximately $135 plus 35 mm equipment. — 3 credits
0101 Tu.....2:00pm- 4:00pm (JRN 1104) Roche, J
Tu.....4:00pm- 6:00pm (JRN 2116) LAB

JOUR351 Advanced Photojournalism; Grade Method: REG; Prerequisite: JOUR 350. Class expenses will be approximately $125 plus 35mm equipment. Students will spend several hours per week on field assignments in addition to scheduled class sessions. — 3 credits
0101 Th.....2:00pm- 4:00pm (JRN 1101) Roche, J
Th.....4:00pm- 6:00pm (JRN 2116) LAB

JOUR360 Broadcast News I; Grade Method: REG/P-F/AUD; Prerequisite: grade of C or better in JOUR 201. Majors only. — 3 credits
0101 Tu.....10:00am-12:00pm (JRN 3102) Holman, B
Th.....10:00am-12:00pm (JRN 3102) LAB
0201 M.....2:00pm- 4:00pm (JRN 3102) STAFF
W.....2:00pm- 4:00pm (JRN 3102) LAB

JOUR361 Broadcast News II; Grade Method: REG; Prerequisite: JOUR 360. Majors only. Students will spend several hours per week on field assignments, in addition to scheduled class sessions. — 3 credits
0101 Tu.....1:00pm- 5:00pm (JRN 1116) Holman, B

JOUR371 Magazine Article and Feature Writing; Grade Method: REG; Prerequisite: JOUR 320. Majors only. — 3 credits
0101 Tu.....8:00am-10:00am (JRN 3102) Paterson, J
Th.....8:00am-10:00am (JRN 3102) LAB
0201 W.....6:00pm-10:00pm (JRN 3102) STAFF

JOUR373 Graphics; Grade Method: REG; Prerequisite: grade of C or better in JOUR 202. Majors only. — 3 credits
0101 Th.....6:00pm- 8:00pm (JRN 3111) Miller, A
Th.....8:00pm-10:00pm (JRN 3111) LAB
0201 M.....4:00pm- 6:00pm (JRN 3111) Miller, A
W.....4:00pm- 6:00pm (JRN 3111) LAB

JOUR374 Magazine Production; Grade Method: REG/P-F/AUD; Prerequisites: JOUR 371; and JOUR 373. — 3 credits
0101 M.....7:00pm- 9:45pm (JRN 3102) Colin, T

JOUR380 Science Writing for Magazines and Newspapers; Grade Method: REG; Prerequisite: JOUR 320 or permission of department. — 3 credits
0101 W.....7:00pm-10:00pm (JRN 1104) STAFF

JOUR396 Supervised Internship; Grade Method: REG; Prerequisites: grade of C or better in JOUR 202; and first course of journalism sequence related to techniques [i.e. JOUR 320; or JOUR 331; or JOUR 341; or JOUR 350; or JOUR 360; or JOUR 380] and permission of department. Student must have completed JOUR 202 and first skills course in sequence, JOUR (320, 331, 341, 360). Site and placement arrangements must be approved in advance in room JRN 1118 no later than 02/02/90. — 3 credits
0101 Time and room to be arranged Kay, L

JOUR398 (PermReq) Independent Study; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

JOUR400 Law of Mass Communication; Grade Method: REG; — 3 credits
0101 TuTh.....5:00pm- 6:15pm (HJP 0226) Greenfeld, A

JOUR450 Mass Media in Society; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....3:30pm- 4:45pm (JRN 1104) Gurevitch, M

JOUR459C Special Topics in Mass Communication: Journalism and Technology; Grade Method: REG; — 3 credits
0101 MW.....11:00am-12:15pm (JRN 1105) Barkin, S

JOUR459F Special Topics in Mass Communication: Literature of Foreign Correspondence; Grade Method: REG; — 3 credits
0101 TuTh.....11:00am-12:15pm (JRN 1104) Paterson, J

JOUR477 Mass Communication Research; Grade Method: REG; Prerequisite: MATH 110 or equivalent; students are encouraged to have completed the theory and technique courses in their major sequence. — 3 credits
0101 MW.....9:30am-10:45am (JRN 1104) McAdams, K
0201 TuTh.....9:30am-10:45am (JRN 1104) Roche, J

JOUR481 Writing the Complex Story; Grade Method: REG; Pre- or corequisite: JOUR 371. Majors only. Must have at least 56 credits earned. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JRN 1103) Stepp Jr., A

JOUR483 Senior Seminar in Public Relations; Grade Method: REG; Prerequisite: JOUR 331; and JOUR 477. — 3 credits
0101 TuTh.....9:30am-10:45am (JRN 1105) Zerbinos, E

JOUR484 Advertising Campaigns; Grade Method: REG/P-F/AUD; Prerequisite: JOUR 341; and JOUR 342. Majors only. Must have at least 56 credits earned. — 3 credits
0101 TuTh.....4:00pm- 6:00pm (JRN 3111) Plumb, J

JOUR486 (PermReq) Advanced Television Journalism; Grade Method: REG; Prerequisite: JOUR 361 or permission of department. — 3 credits
0101 TuTh.....1:00pm- 3:00pm (JRN 3120) Rhodes, C

JOUR600 Research Methods in Mass Communication; Grade Method: REG/AUD; JOUR and PCOM majors only. — 3 credits
0101 W.....6:00pm- 9:00pm (JRN 1116) McAdams, K

JOUR601 Theories of Mass Communication; Grade Method: REG/AUD; JOUR and PCOM majors only. — 3 credits
0101 M.....9:00am-12:00pm (JRN 1116) Levy, M

JOUR621 Interpretation of Contemporary Affairs; Grade Method: REG/AUD; Prerequisite: JOUR 320. — 3 credits
0101 Th.....7:00pm- 9:45pm (JRN 1116) STAFF

JOUR631 Seminar in Public Relations Publics; Grade Method: REG/AUD; — 3 credits
0101 Tu.....9:00am-12:00pm (JRN 1116) Grunig, L

JOUR698 (PermReq) Special Problems in Communication; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

JOUR760 Seminar in Broadcast News; Grade Method: REG/AUD; — 3 credits
0101 M.....6:00pm- 9:00pm (JRN 1116) Gurevitch, M

JOUR780 Seminar in Research Problems; Grade Method: REG/AUD; Prerequisite: JOUR 600. — 3 credits
0101 Th.....9:00am-12:00pm (JRN 1116) Grunig, L

JOUR798 (PermReq) Masters Professional Fieldwork; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 2-6 credits

JOUR799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

---

LATN Latin (Arts and Humanities)

LATN101 Elementary Latin; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; A student who has two units of Latin in high school may register for LATN 101 for the purposes of review, but ordinarily not for credit. — 4 credits
0101 MWF.....9:00am- 9:50am (COL 3110) Duffy, J
F.....2:00pm- 2:50pm (COL 3112)
0201 MWF.....11:00am-11:50am (HZF 1101) Doherty, L
F.....2:00pm- 2:50pm (HZF 1101)
0301 TuTh.....12:00pm- 1:50pm (COL 3112) STAFF
0401 MW.....12:00pm- 1:50pm (COL 3111) STAFF

LATN102 Elementary Latin; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; A student who has two units of Latin in high school may register for LATN 102 for credit with departmental permission. — 4 credits
0101 MTuWF.....11:00am-11:50am (HZF 1102) Rowland, R
0201 TuTh.....12:00pm- 1:50pm (HZF 1102) STAFF

LATN201 Intermediate Latin I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisites: LATN 101; LATN 102 or equivalent. Formerly LATN 203. — 4 credits
0101 TuTh.....2:00pm- 4:00pm (JMZ 1122) Stehle, E

LATN302 Ovid; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (COL 3114) Hallett, J

LATN415 Virgil's Aeneid; Grade Method: REG/P-F/AUD; Formerly LATN 305. — 3 credits
0101 TuTh.....2:00pm- 4:00pm (HZF 1106) Staley, G

LATN499 (PermReq) Independent Study in Latin Language and Literature; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

LATN624 Silver Age Latin; Grade Method: REG/AUD; — 3 credits
0101 Tu.....6:00pm- 8:40pm (JMZ 2102) Staley, G

LATN688 Special Topics in Latin Literature: Latin Elegy; Grade Method: REG/AUD; — 3 credits
0101 W.....6:00pm- 8:40pm (JMZ 1124) Leach, E

LATN699 Independent Studies in Latin Literature; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

LATN799 Master's Thesis Research; Grade Method: REG/S-F; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

---

LBSC Library Science (Library & Info Services)

LBSC488E (PermReq) Recent Trends and Issues in Library and Information Services: Introduction to Expert Systems with Illustrations in PROLOG; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....2:30pm- 5:15pm (HBK 0117) Soergel, D

LBSC499A (PermReq) Workshops, Clinics, and Institutes: Workshop in Archival Automation; Grade Method: S-F; — 3 credits
0101 W.....9:30am-12:15pm (HBK 0105) Burke, F

All LBSC courses numbered 600 and above require permission of department. Check course listing for specific restrictions. Courses LBSC 600, 651 and 671 are required upon entry into the program.

LBSC600 (PermReq) Proseminar: Development and Operation of Libraries and Information Services; Grade Method: REG/AUD; Prerequisite: permission of department. Required of all MLS students. — 3 credits
0101 MW.....8:30am-10:45am (HBK 0109) Kidd, J
0201 W.....5:30pm- 8:15pm (HBK 0109) Kidd, J

LBSC603 (PermReq) Library Systems Analysis; Grade Method: REG/AUD; Prerequisite: permission of department. Instructors are Dr. Claude E. Walston and Dr. Jerry S. Kidd. — 3 credits
0101 Tu.....9:30am-12:15pm (HBK 0103) Walston, C

LBSC621 (PermReq) Library Service to the Disadvantaged; Grade Method: REG/AUD; Prerequisite: permission of department. — 3 credits
0101 M.....2:30pm- 5:15pm (HBK 0103) Cunningham, W

LBSC630 (PermReq) Library Administration; Grade Method: REG/AUD; Prerequisite: permission of department. — 3 credits
0101 TuTh.....11:00am-12:15pm (HBK 0109) Wasserman, P
0201 Tu.....5:30pm- 8:15pm (HBK 0103) Phelps, T

LBSC645 (PermReq) Children's Literature and Materials; Grade Method: REG/AUD; Prerequisite: permission of department. — 3 credits
0101 TuTh.....1:00pm- 2:15pm (HBK 0115) MacLeod, A
0201 Th.....5:00pm- 7:45pm (HBK 0115) Williams, H

LBSC651 (PermReq) Reference and Information Services; Grade Method: REG/AUD; Prerequisite: permission of department. Required of all MLS students. — 3 credits
0101 MW.....11:00am-12:15pm (HBK 0103) Cunningham, W
0201 Tu.....5:30pm- 8:15pm (HBK 0105) Choi, J

LBSC671 (PermReq) Organization of Recorded Knowledge; Grade Method: REG/AUD; Prerequisite: permission of department. Required of all MLS students. — 3 credits
0101 MW.....1:00pm- 2:15pm (HBK 0105) Green, R
0201 M.....5:30pm- 8:15pm (HBK 0103) Jeng, L
0301 Tu.....6:00pm- 8:45pm (HBK 0115) Michener, D

LBSC690 (PermReq) Data Processing for Libraries and Information Services; Grade Method: REG/AUD; Prerequisite: permission of department. Credit will be granted for only one of the following: LBSC 690 or LBSC 691. — 3 credits
0101 Th.....5:30pm- 8:15pm (HBK 0103) Choi, J

LBSC691 (PermReq) Microcomputers in Information Processing; Grade Method: REG/AUD; Prerequisite: permission of department. Credit will be granted for only one of the following: LBSC 690 or LBSC 691. — 3 credits
0101 M.....5:30pm- 8:15pm (HBK 0109) Cady, M

LBSC704 (PermReq) Seminar in Information Science; Grade Method: REG/AUD; Prerequisite: permission of department. — 3 credits
0101 Tu.....1:00pm- 3:45pm (HBK 4115) Heilprin, L

LBSC706 (PermReq) Seminar in International and Comparative Librarianship and Information Science; Grade Method: REG/AUD; Prerequisite: permission of department. — 3 credits
0101 Tu.....2:00pm- 4:45pm (HBK 4113) Wasserman, P

LBSC707 (PermReq) Field Study in Library Service; Grade Method: REG/AUD; Prerequisites: LBSC 600; and LBSC 651; and LBSC 671; and [LBSC 690 or LBSC 691] and permission of both department and instructor. Signed instructor approval form must be presented to CLIS Admission Office. — 3 credits
0101 Time and room to be arranged Wilson, W

LBSC708B (PermReq) Special Topics in Library and Information Service: Community Information Services; Grade Method: REG/AUD; — 3 credits
0101 M.....5:30pm- 8:15pm (HBK 0105) Aversa, E

LBSC708D (PermReq) Special Topics in Library and Information Service: Database Management; Grade Method: REG; — 3 credits
0101 Th.....8:30am-12:15pm (HBK 4115) Soergel, D

LBSC708M (PermReq) Special Topics in Library and Information Service: Health Information Reference Sources; Grade Method: REG; — 3 credits
0101 W.....6:00pm- 8:45pm (HBK 4113) STAFF

LBSC708R (PermReq) Special Topics in Library and Information Service: Principles of Records Management; Grade Method: REG/AUD; — 3 credits
0101 Tu.....5:30pm- 8:15pm (HBK 0109) Burke, F

LBSC709 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Signed independent study form must be presented to CLIS Admissions Office. — 1-3 credits

LBSC737 (PermReq) Seminar in the Special Library and Information Center; Grade Method: REG/AUD; Prerequisites: permission of department; and LBSC 630 or permission of instructor. — 3 credits
0101 Th.....5:30pm- 8:15pm (HBK 0109) Duces, B

LBSC741 (PermReq) Seminar in School Library Media Programs; Grade Method: REG/AUD; Prerequisites: permission of department; and LBSC 643 or permission of instructor. — 3 credits
0101 M.....5:30pm- 8:15pm (HBK 4113) Liesener, J

LBSC742 (PermReq) Instructional Development Roles of Library Media Specialists; Grade Method: REG/AUD; Prerequisites: permission of department; and LBSC 643 or permission of instructor. — 3 credits
0101 Th.....5:30pm- 8:15pm (HBK 4113) Neuman, D

LBSC744 (PermReq) Field Study in School Library Media Programs; Grade Method: REG/AUD; Prerequisites: permission of department; and LBSC 741; and [LBSC 742 or EDCI 605 or permission of instructor] — 3 credits
0101 W.....1:00pm- 3:45pm (HBK 4115) Liesener, J

LBSC748 (PermReq) Advanced Seminar in Children's Literature; Grade Method: REG/AUD; Prerequisite: LBSC 645. Instructor approval form must be presented to CLIS Admissions Office and registration must be accompanied by Course Authorization Form. — 3 credits
0101 Th.....9:30am-12:15pm (HBK 4113) MacLeod, A

LBSC750 (PermReq) Advanced Reference Services; Grade Method: REG/AUD; Prerequisites: permission of department; and either LBSC 651 or permission of instructor. — 3 credits
0101 MW.....9:30am-10:45am (HBK 0103) White, M
0201 W.....5:30pm- 8:15pm (HBK 0103) Choi, J

LBSC751 (PermReq) Literature and Research in the Humanities; Grade Method: REG/AUD; Prerequisites: permission of department; and either LBSC 651 or permission of instructor. — 3 credits
0101 W.....2:30pm- 5:15pm (HBK 0105) Aversa, E

LBSC767 (PermReq) Governmental Information Systems; Grade Method: REG/AUD; Prerequisite: LBSC 651 or permission of both department and instructor. — 3 credits
0101 MW.....1:00pm- 2:15pm (HBK 0103) White, M

LBSC770 (PermReq) Bibliographic Control; Grade Method: REG/AUD; Prerequisite: LBSC 671 and permission of department. — 3 credits
0101 W.....2:30pm- 5:15pm (HBK 0103) Jeng, L

LBSC774 (PermReq) Seminar in Linguistic Topics; Grade Method: REG/AUD; Prerequisite: LBSC 671 or permission of both department and instructor. Recommended: LBSC 675. — 3 credits
0101 W.....9:30am-12:15pm (HBK 4113) Green, R

LBSC775 (PermReq) Construction and Maintenance of Index Languages and Thesauri; Grade Method: REG/AUD; Prerequisite: LBSC 675 or permission of both department and instructor. — 3 credits
0101 Tu.....2:30pm- 5:15pm (HBK 0103) Soergel, D

LBSC786 (PermReq) Conservation of Archival and Library Materials; Grade Method: REG/AUD; Prerequisite: permission of department. — 3 credits
0101 W.....6:30pm- 9:15pm (HBK 0105) Garlick, K

LBSC794 (PermReq) Principles of Software Evaluation; Grade Method: REG/AUD; Prerequisite: LBSC 690 or LBSC 691 and permission of department. — 3 credits
0101 Tu.....9:30am-12:15pm (HBK 4115) Barlow, D

LBSC802 (PermReq) Seminar in Research Methods and Data Analysis; Grade Method: REG/AUD; Prerequisite: coursework in statistics and introduction to research methods; and permission of both department and instructor. — 3 credits
0101 M.....2:30pm- 5:15pm (HBK 4113) Neuman, D

LBSC899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

For LENF courses, see CJUS (Institute of Criminal Justice and Criminology).

LING Linguistics (Arts and Humanities)

LING200 Introductory Linguistics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Not open to students who have completed ANTH 371 or HESP 120. Credit will be granted for only one of the following: LING 100 or LING 200. Basis for future work in linguistics. — 3 credits

0101 MWF.....2:00pm- 2:50pm (COL 3110) Arnold, M
0201 TuTh.....9:30am-10:45am (JMZ 2206) Kim, J
0301 TuTh.....12:30pm- 1:45pm (COL 3110) Downey-Vanover,
0401 MWF.....10:00am-10:50am (COL 3109) Munn, A
0501 MW.....4:00pm- 5:15pm (HJP 2242) Kirchner, R
0601 TuTh.....3:30pm- 4:45pm (TLF 0101) Coleman, L

LING240 Language and Mind; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....9:30am-10:45am (HBK 0123) Hornstein, N

LING312 Syntax II; Grade Method: REG/P-F/AUD; Prerequisite: LING 311. 3 credits
0101 TuTh.....11:00am-12:15pm (HBK 0123) Lightfoot, D

LING322 Phonology II; Grade Method: REG/P-F/AUD; Prerequisite: LING 321. 3 credits
0101 TuTh.....9:30am-10:45am (HBK 0125) Inkelas, S

LING350 Philosophy of Language; Grade Method: REG/P-F/AUD; Prerequisite: PHIL 170 or PHIL 173 or PHIL 371; or LING 311. 3 credits
0101 TuTh.....11:00am-12:15pm (CHM 0122) Devitt, M

LING411 Comparative Syntax; Grade Method: REG/P-F/AUD; Prerequisite: LING 312. 3 credits
0101 Th.....3:00pm- 5:00pm (HBK 1116) Uriagereka, J
Time and room to be arranged DIS

LING421 Advanced Phonology; Grade Method: REG/P-F/AUD; Prerequisite: LING 322. 3 credits
0101 Tu.....1:15pm- 3:15pm (MIL 1106) Inkelas, S
Time and room to be arranged DIS

LING429 (PermReq) Topics in Phonology; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Inkelas, S

LING440 Grammars and Cognition; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....9:30am-10:45am (HBK 0109) Lebeaux, D

LING445 (PermReq) Computer Models of Language; Grade Method: REG/P-F/AUD; Prerequisite: LING 240. 3 credits
0101 TuTh.....9:30am-10:45am (COL 0102) Weinberg, A

LING487 Computer Science for Cognitive Studies; Grade Method: REG/P-F/AUD; Also offered as PHIL 487. Credit will be granted for only one of the following: LING 487 or PHIL 487. 3 credits
0101 M.....3:30pm- 6:00pm (CSS 2330) Horty, J

LING499 (PermReq) Directed Studies in Linguistics; Grade Method: REG/P-F; 1-3 credits
0101 Time and room to be arranged Hornstein, N

LING611 Issues in Syntax; Grade Method: REG/AUD; Prerequisite: LING 610. 3 credits
0101 Th.....3:00pm- 5:00pm (HBK 0103) Uriagereka, J
Time and room to be arranged DIS

LING621 (PermReq) Issues in Phonology; Grade Method: REG/AUD; Prerequisite: LING 620. 3 credits
0101 Tu.....1:15pm- 3:15pm (MIL 1106) Inkelas, S
Time and room to be arranged DIS

LING644 (PermReq) Language Acquisition; Grade Method: REG/AUD; Prerequisite: LING 640. 3 credits
0101 Th.....12:00pm- 2:00pm (JMZ 1103) Lebeaux, D
Time and room to be arranged DIS

LING645 (PermReq) Speech Processing; Grade Method: REG/AUD; Prerequisite: LING 312 or permission of instructor. 3 credits
0101 W.....1:00pm- 3:00pm (ZOP 1238) Gorrell, P
Time and room to be arranged DIS

LING659 (PermReq) Structure of a Language: Comparative Grammar; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Uriagereka, J

LING689 (PermReq) Independent Studies; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Lightfoot, D

LING698 (PermReq) Directed Study; Grade Method: REG; 3 credits
0101 Th.....3:30pm- 5:30pm (HBK 0105) Hornstein, N
Time and room to be arranged DIS

LING799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

LING819 (PermReq) Seminar in Syntactic Theory: Grammar and Computation; Grade Method: REG/AUD; 3 credits
0101 W.....3:30pm- 5:30pm (HBK 0125) Weinberg, A
Time and room to be arranged DIS

LING819A (PermReq) Seminar in Syntactic Theory: Pro and Control; Grade Method: REG/AUD; 3 credits
0101 Tu.....3:30pm- 5:30pm (MIL 1106) Hornstein, N
Time and room to be arranged DIS

LING889 (PermReq) Directed Research; Grade Method: REG/AUD; 1-8 credits
0101 Time and room to be arranged Hornstein, N

LING895 (PermReq) Doctoral Research Paper; Grade Method: REG; 1-6 credits
0101 Time and room to be arranged Hornstein, N

LING899 Doctoral Dissertation Research; Grade Method: REG; 1-8 credits
0101 Time and room to be arranged Hornstein, N

MAPL Applied Mathematics (Comp, Math, & Phys Sci)

MAPL460 Computational Methods; Grade Method: REG/P-F/AUD; Prerequisites: MATH 240; and MATH 241; and [CMSC 110 or CMSC 113] or equivalent. Also offered as CMSC 460. Credit will be granted for only one of the following: MAPL/CMSC 460 and MAPL/CMSC 466. 3 credits
0101 TuTh.....8:00am- 9:15am (CLB 0109) Fontecilla, R
0201 TuTh.....11:00am-12:15pm (MTH 0302) Rodriguez, R

MAPL466 Introduction to Numerical Analysis I; Grade Method: REG/P-F/AUD; Prerequisites: [MATH 240; and MATH 241; and CMSC 110] or equivalent. Also offered as CMSC 466. Credit will be granted for only one of the following: MAPL/CMSC 460 and MAPL/CMSC 466. 3 credits
0101 MWF.....1:00pm- 1:50pm (MTH B0421) STAFF
0201 TuTh.....2:00pm- 3:15pm (MTH 1313) STAFF

MAPL467 Introduction to Numerical Analysis II; Grade Method: REG/P-F/AUD; Prerequisite: MAPL/CMSC 466 or permission of department. Also offered as CMSC 467. Crosslisted with CMSC 467. 3 credits
0101 TuTh.....11:00am-12:15pm (MTH 0411) Nochetto, R

MAPL473 Methods and Models in Applied Mathematics; Grade Method: REG/P-F/AUD; Prerequisite: MAPL 472 or permission of department. Credit will be granted for only one of the following: MAPL 473 or MATH 473. 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 0104) Maddocks, J

MAPL498A Selected Topics in Applied Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

MAPL600 Advanced Linear Numerical Analysis; Grade Method: REG/AUD; Prerequisites: MAPL 470; and MAPL 471; and [MATH 405 or MATH 474]. Also offered as CMSC 770. 3 credits
0101 TuTh.....12:30pm- 1:45pm (MTH B0429) Stewart, G

MAPL656 Asymptotic Analysis and Special Functions II; Grade Method: REG/AUD; Prerequisite: MATH/MAPL 655. Also offered as MATH 656. 3 credits
0101 TuTh.....3:30pm- 4:45pm (MTH 0409) Olver, F

MAPL666 Numerical Analysis I; Grade Method: REG/AUD; Prerequisites: MAPL 466; and MATH 410. Also offered as CMSC 666. 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 0106) Oleary, D

MAPL667 Numerical Analysis II; Grade Method: REG/AUD; Prerequisite: MAPL 666. Also offered as CMSC 667. 3 credits
0101 TuTh.....11:00am-12:15pm (MTH 1313) Babuska, I

MAPL671 Ordinary Differential Equations II; Grade Method: REG/AUD; Prerequisite: MATH 630; and MATH/MAPL 670 or equivalent. Also offered as MATH 671. 3 credits
0101 TuTh.....12:30pm- 1:45pm (MTH B0427) Brin, M

MAPL674 Classical Methods in Partial Differential Equations II; Grade Method: REG/AUD; Prerequisite: MATH/MAPL 673. Also offered as MATH 674. 3 credits
0101 MWF.....9:00am- 9:50am (MTH 0301) Wolfe, P

MAPL681 Eigenvalue and Boundary Value Problems II; Grade Method: REG/AUD; Prerequisite: MATH/MAPL 680. Also offered as MATH 681. 3 credits
0101 MWF.....1:00pm- 1:50pm (MTH B0425) Kellogg, R

MAPL698A Advanced Topics in Applied Mathematics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

MAPL699 Applied Mathematics Seminar; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Oleary, D

MAPL701 Introduction to Continuum Mechanics; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 0302) Antman, S

MAPL799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

MAPL899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

MATH Mathematics (Comp, Math, & Phys Sci)

MATH001 Review of High School Algebra; Grade Method: REG; Recommended for students who plan to take MATH 110 or MATH 002 but are not currently qualified to do so. Special fee required in addition to the regular tuition charge. This course does not carry credit towards any degree at the University. The notation (3) credits is used only for billing and full-time or part-time status. Course chairperson: Cleary. There is a special fee of $130 for MATH 001. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. Students registering for MATH 001 who experience math anxiety or feel deficient in math study skills should refer to EDCP 108M, Building Confidence and Study Skills in Mathematics. 3 credits

0101 MWF.....10:00am-10:50am (MTH 0411) STAFF
0102 MWF.....10:00am-10:50am (MTH 0102) STAFF
0103 MWF.....10:00am-10:50am (MTH 0401) STAFF
0104 MWF.....10:00am-10:50am (MTH B0423) STAFF
0105 MWF.....10:00am-10:50am (MTH 0107) STAFF
0106 MWF.....10:00am-10:50am (MTH B0427) STAFF
0107 MWF.....10:00am-10:50am (MTH B0429) STAFF
0201 MWF.....11:00am-11:50am (MTH 0411) STAFF
0202 MWF.....11:00am-11:50am (MTH 0102) STAFF
0203 MWF.....11:00am-11:50am (MTH 0401) STAFF
0204 MWF.....11:00am-11:50am (MTH B0423) STAFF
0205 MWF.....11:00am-11:50am (MTH 0107) STAFF
0206 MWF.....11:00am-11:50am (MTH B0425) STAFF
0301 MWF.....12:00pm-12:50pm (MTH 0411) STAFF
0302 MWF.....12:00pm-12:50pm (MTH 0102) STAFF
0303 MWF.....12:00pm-12:50pm (MTH 0401) STAFF
0304 MWF.....12:00pm-12:50pm (MTH B0423) STAFF
0305 MWF.....12:00pm-12:50pm (MTH 0107) STAFF
0401 MWF.....1:00pm- 1:50pm (MTH 0411) STAFF
0402 MWF.....1:00pm- 1:50pm (MTH 0102) STAFF
0403 MWF.....1:00pm- 1:50pm (MTH 0401) STAFF
0404 MWF.....1:00pm- 1:50pm (MTH B0423) STAFF
0405 MWF.....1:00pm- 1:50pm (MTH 0107) STAFF

0501 MWF.....2:00pm- 2:50pm (MTH 0411) STAFF
0502 MWF.....2:00pm- 2:50pm (MTH 0102) STAFF
0503 MWF.....2:00pm- 2:50pm (MTH 0401) STAFF
0504 MWF.....2:00pm- 2:50pm (MTH B0423) STAFF
0601 MWF.....3:00pm- 3:50pm (MTH 0411) STAFF
0602 MWF.....3:00pm- 3:50pm (MTH 0102) STAFF
0603 MWF.....3:00pm- 3:50pm (MTH 0401) STAFF
0604 MWF.....3:00pm- 3:50pm (MTH B0423) STAFF
0605 MWF.....3:00pm- 3:50pm (MTH 0107) STAFF

MATH002 Advanced Review of High School Algebra; Grade Method: REG; Recommended for students who plan to take but who are not currently qualified for MATH 115. Prerequisite: MATH 001 or satisfactory score on the mathematics placement exam. Special fee required in addition to the regular tuition charge. This course does not carry credit towards any degree at the University. Course chairperson: Cleary. The notation 3 credits is used for billing and full-time or part-time status. There is a special $130 fee for MATH 002. Anyone registering for MATH 002 must have already completed at least one full year of high school algebra. Students registering for MATH 002 who experience math anxiety or feel deficient in math study skills should refer to EDCP 108M, Building Confidence and Study Skills in Mathematics. 3 credits

0101 MWF.....1:00pm- 1:50pm (MTH 0407) STAFF
0102 MWF.....1:00pm- 1:50pm (MTH 0306) STAFF
0103 MWF.....1:00pm- 1:50pm (MTH 0106) STAFF
0104 MWF.....1:00pm- 1:50pm (MTH 0104) STAFF
0105 MWF.....1:00pm- 1:50pm (MTH 0301) STAFF
0106 MWF.....1:00pm- 1:50pm (MTH B0431) STAFF
0201 MWF.....2:00pm- 2:50pm (MTH 0407) STAFF
0202 MWF.....2:00pm- 2:50pm (MTH 0306) STAFF
0203 MWF.....2:00pm- 2:50pm (MTH 0106) STAFF
0204 MWF.....2:00pm- 2:50pm (MTH 0104) STAFF
0205 MWF.....2:00pm- 2:50pm (MTH 0302) STAFF
0206 MWF.....2:00pm- 2:50pm (MTH B0431) STAFF
0501 TuTh.....8:00am- 9:15am (MTH 0104) STAFF
0502 TuTh.....8:00am- 9:15am (MTH 0401) STAFF
0503 TuTh.....8:00am- 9:15am (MTH B0423) STAFF
0601 TuTh.....9:30am-10:45am (MTH 0104) STAFF
0602 TuTh.....9:30am-10:45am (MTH 0401) STAFF
0603 TuTh.....9:30am-10:45am (MTH B0423) STAFF
0701 TuTh.....12:30pm- 1:45pm (MTH 1308) STAFF
0702 TuTh.....12:30pm- 1:45pm (MTH 0401) STAFF
0703 TuTh.....12:30pm- 1:45pm (MTH B0423) STAFF
0705 TuTh.....12:30pm- 1:45pm (MTH 0411) STAFF
0801 TuTh.....2:00pm- 3:15pm (MTH 1308) STAFF
0802 TuTh.....2:00pm- 3:15pm (MTH 0401) STAFF
0803 TuTh.....2:00pm- 3:15pm (MTH B0423) STAFF

MATH110 (PermReq) Elementary Mathematical Models; Grade Method: REG/P-F/AUD; Prerequisite: permission of department based on satisfactory score on the mathematics placement exam, or MATH 001. Not open to students majoring in mathematics, engineering, and the physical sciences. 3 credits

0101 MWF.....9:00am- 9:50am (MTH B0421) STAFF
0102 MWF.....9:00am- 9:50am (MTH 0101) STAFF
0103 MWF.....9:00am- 9:50am (MTH 0407) STAFF
0104 MWF.....9:00am- 9:50am (MTH 0201) STAFF
0105 MWF.....9:00am- 9:50am (MTH 0306) STAFF
0106 MWF.....9:00am- 9:50am (MTH 0106) STAFF
0201 MWF.....10:00am-10:50am (MTH B0421) STAFF
0202 MWF.....10:00am-10:50am (MTH 1313) STAFF
0203 MWF.....10:00am-10:50am (MTH 0407) STAFF
0204 MWF.....10:00am-10:50am (MTH 0201) STAFF
0205 MWF.....10:00am-10:50am (MTH 0306) STAFF
0206 MWF.....10:00am-10:50am (MTH 0106) STAFF
0301 MWF.....11:00am-11:50am (MTH B0421) STAFF
0302 MWF.....11:00am-11:50am (MTH 0101) STAFF
0303 MWF.....11:00am-11:50am (MTH 0407) STAFF
0304 MWF.....11:00am-11:50am (MTH 0201) STAFF
0305 MWF.....11:00am-11:50am (MTH 0306) STAFF
0401 MWF.....12:00pm-12:50pm (MTH B0421) STAFF
0402 MWF.....12:00pm-12:50pm (MTH 0101) STAFF
0403 MWF.....12:00pm-12:50pm (MTH 1311) STAFF
0404 MWF.....12:00pm-12:50pm (MTH 0201) STAFF
0405 MWF.....12:00pm-12:50pm (MTH 0306) STAFF
0406 MWF.....12:00pm-12:50pm (MTH 0106) STAFF
0701 MWF.....3:00pm- 3:50pm (MTH B0421) STAFF
0702 MWF.....3:00pm- 3:50pm (MTH 0101) STAFF
0703 MWF.....3:00pm- 3:50pm (MTH 0407) STAFF
0704 MWF.....3:00pm- 3:50pm (MTH 0201) STAFF
0705 MWF.....3:00pm- 3:50pm (MTH 0306) STAFF
0706 MWF.....3:00pm- 3:50pm (MTH 0106) STAFF
0801 MWF.....4:00pm- 4:50pm (MTH B0421) STAFF
0802 MWF.....4:00pm- 4:50pm (MTH 0101) STAFF
0803 MWF.....4:00pm- 4:50pm (MTH 0407) STAFF
0804 MWF.....4:00pm- 4:50pm (MTH 0201) STAFF
0805 MWF.....4:00pm- 4:50pm (MTH 0306) STAFF
0806 MWF.....4:00pm- 4:50pm (MTH 0106) STAFF

MATH111 Introduction to Probability; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: permission of department based on satisfactory score on the mathematics placement exam, or MATH 110, or MATH 115. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH 111 or STAT 100. 3 credits

0101 MWF.....1:00pm- 1:50pm (MTH 0303) STAFF
0102 MWF.....1:00pm- 1:50pm (MTH 0304) STAFF
0103 MWF.....1:00pm- 1:50pm (MTH 0103) STAFF
0104 MWF.....1:00pm- 1:50pm (MTH 0105) STAFF
0105 MWF.....1:00pm- 1:50pm (MTH 1313) STAFF
0106 MWF.....1:00pm- 1:50pm (MTH 1308) STAFF
0201 MWF.....2:00pm- 2:50pm (MTH 0303) STAFF
0202 MWF.....2:00pm- 2:50pm (MTH 0304) STAFF
0203 MWF.....2:00pm- 2:50pm (MTH 0103) STAFF
0204 MWF.....2:00pm- 2:50pm (MTH 0105) STAFF
0205 MWF.....2:00pm- 2:50pm (MTH 1313) STAFF
0206 MWF.....2:00pm- 2:50pm (MTH 1308) STAFF

MATH115 (PermReq) Precalculus; Grade Method: REG/P-F/AUD; Prerequisite: permission of department based on satisfactory score on the mathematics placement exam or MATH 002. Preparation for MATH 220 or MATH 140. 3 credits

0101 MWF.....8:00am- 8:50am (MTH 0307) STAFF
0102 MWF.....8:00am- 8:50am (MTH 0303) STAFF
0103 MWF.....8:00am- 8:50am (MTH 0304) STAFF
0104 MWF.....8:00am- 8:50am (MTH 0103) STAFF
0105 MWF.....8:00am- 8:50am (MTH 0105) STAFF
0106 MWF.....8:00am- 8:50am (MTH 1313) STAFF
0107 MWF.....8:00am- 8:50am (MTH 1311) STAFF
0108 MWF.....8:00am- 8:50am (MTH 1308) STAFF
0201 MWF.....9:00am- 9:50am (MTH 0307) STAFF
0202 MWF.....9:00am- 9:50am (MTH 0303) STAFF
0203 MWF.....9:00am- 9:50am (MTH 0304) STAFF
0204 MWF.....9:00am- 9:50am (MTH 0103) STAFF
0205 MWF.....9:00am- 9:50am (MTH 0105) STAFF
0206 MWF.....9:00am- 9:50am (MTH 1313) STAFF
0207 MWF.....9:00am- 9:50am (MTH 1311) STAFF
0208 MWF.....9:00am- 9:50am (MTH 1308) STAFF
0701 MWF.....3:00pm- 3:50pm (MTH 0307) STAFF
0702 MWF.....3:00pm- 3:50pm (MTH 0303) STAFF
0703 MWF.....3:00pm- 3:50pm (MTH 0304) STAFF
0704 MWF.....3:00pm- 3:50pm (MTH 0103) STAFF
0705 MWF.....3:00pm- 3:50pm (MTH 0105) STAFF
0706 MWF.....3:00pm- 3:50pm (MTH 0403) STAFF
0707 MWF.....3:00pm- 3:50pm (MTH 0405) STAFF
0708 MWF.....3:00pm- 3:50pm (MTH 1313) STAFF
0801 MWF.....4:00pm- 4:50pm (MTH 0307) STAFF
0802 MWF.....4:00pm- 4:50pm (MTH 0303) STAFF
0803 MWF.....4:00pm- 4:50pm (MTH 0304) STAFF
0804 MWF.....4:00pm- 4:50pm (MTH 0103) STAFF
0805 MWF.....4:00pm- 4:50pm (MTH 0105) STAFF
0806 MWF.....4:00pm- 4:50pm (MTH 0403) STAFF
0807 MWF.....4:00pm- 4:50pm (MTH 0405) STAFF
0808 MWF.....4:00pm- 4:50pm (MTH 0305) STAFF

MATH140 (PermReq) Calculus I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory score on the mathematics placement exam or MATH 115. Credit will be granted for only one of the following: MATH 140 or MATH 220. 4 credits

0111 MWF.....10:00am-10:50am (ARM 0135) Boyle, M
TuTh.....8:00am- 8:50am (MTH 0201) DIS
0112 MWF.....10:00am-10:50am (ARM 0135) Boyle, M
TuTh.....8:00am- 8:50am (MTH 0306) DIS
0121 MWF.....10:00am-10:50am (ARM 0135) Boyle, M
TuTh.....9:00am- 9:50am (MTH 0201) DIS
0122 MWF.....10:00am-10:50am (ARM 0135) Boyle, M
TuTh.....9:00am- 9:50am (MTH 0306) DIS
0131 MWF.....10:00am-10:50am (ARM 0135) Boyle, M
TuTh.....10:00am-10:50am (MTH 0201) DIS
0132 MWF.....10:00am-10:50am (ARM 0135) Boyle, M
TuTh.....10:00am-10:50am (MTH 0306) DIS
0141 MWF.....10:00am-10:50am (ARM 0135) Boyle, M
TuTh.....11:00am-11:50am (MTH 0201) DIS

0142 MWF.....10:00am-10:50am (ARM 0135) Boyle, M
TuTh.....11:00am-11:50am (MTH 0105) DIS
0211 MWF.....11:00am-11:50am (ARM 0126) Greenberg, L
TuTh.....9:00am- 9:50am (MTH 0307) DIS
0212 MWF.....11:00am-11:50am (ARM 0126) Greenberg, L
TuTh.....9:00am- 9:50am (MTH 0409) DIS
0221 MWF.....11:00am-11:50am (ARM 0126) Greenberg, L
TuTh.....10:00am-10:50am (MTH 0307) DIS
0222 MWF.....11:00am-11:50am (ARM 0126) Greenberg, L
TuTh.....10:00am-10:50am (MTH 0409) DIS
0231 MWF.....11:00am-11:50am (ARM 0126) Greenberg, L
TuTh.....11:00am-11:50am (MTH 0307) DIS
0232 MWF.....11:00am-11:50am (ARM 0126) Greenberg, L
TuTh.....11:00am-11:50am (MTH 0106) DIS
0241 MWF.....11:00am-11:50am (ARM 0126) Greenberg, L
TuTh.....12:00pm-12:50pm (MTH 0307) DIS
0311 MWF.....12:00pm-12:50pm (ARM 0135) Greenberg, L
TuTh.....11:00am-11:50am (MTH 0304) DIS
0321 MWF.....12:00pm-12:50pm (ARM 0135) Greenberg, L
TuTh.....12:00pm-12:50pm (MTH 0304) DIS
0322 MWF.....12:00pm-12:50pm (ARM 0135) Greenberg, L
TuTh.....12:00pm-12:50pm (MTH 0106) DIS
0331 MWF.....12:00pm-12:50pm (ARM 0135) Greenberg, L
TuTh.....1:00pm- 1:50pm (MTH 0304) DIS
0332 MWF.....12:00pm-12:50pm (ARM 0135) Greenberg, L
TuTh.....1:00pm- 1:50pm (MTH 0106) DIS
0341 MWF.....12:00pm-12:50pm (ARM 0135) Greenberg, L
TuTh.....2:00pm- 2:50pm (MTH 0304) DIS
0342 MWF.....12:00pm-12:50pm (ARM 0135) Greenberg, L
TuTh.....2:00pm- 2:50pm (MTH 0105) DIS
0411 MWF.....2:00pm- 2:50pm (ARM 0135) Wolpert, S
TuTh.....1:00pm- 1:50pm (MTH 0307) DIS
0412 MWF.....2:00pm- 2:50pm (ARM 0135) Wolpert, S
TuTh.....1:00pm- 1:50pm (MTH 0306) DIS
0421 MWF.....2:00pm- 2:50pm (ARM 0135) Wolpert, S
TuTh.....2:00pm- 2:50pm (MTH 0307) DIS
0422 MWF.....2:00pm- 2:50pm (ARM 0135) Wolpert, S
TuTh.....2:00pm- 2:50pm (MTH 0306) DIS
0431 MWF.....2:00pm- 2:50pm (ARM 0135) Wolpert, S
TuTh.....3:00pm- 3:50pm (MTH 0307) DIS
0432 MWF.....2:00pm- 2:50pm (ARM 0135) Wolpert, S
TuTh.....3:00pm- 3:50pm (MTH 0306) DIS
0441 MWF.....2:00pm- 2:50pm (ARM 0135) Wolpert, S
TuTh.....4:00pm- 4:50pm (MTH 0307) DIS
0442 MWF.....2:00pm- 2:50pm (ARM 0135) Wolpert, S
TuTh.....4:00pm- 4:50pm (MTH 0306) DIS

MATH141 Calculus II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: MATH 140 or equivalent. Credit will be granted for only one of the following: MATH 141 or MATH 221. 4 credits

0111 MWF.....9:00am- 9:50am (ARM 0131) Ellis, R
TuTh.....8:00am- 8:50am (MTH B0421) DIS
0112 MWF.....9:00am- 9:50am (ARM 0131) Ellis, R
TuTh.....8:00am- 8:50am (MTH 0407) DIS
0121 MWF.....9:00am- 9:50am (ARM 0131) Ellis, R
TuTh.....9:00am- 9:50am (MTH B0421) DIS
0122 MWF.....9:00am- 9:50am (ARM 0131) Ellis, R
TuTh.....9:00am- 9:50am (MTH 0407) DIS
0131 MWF.....9:00am- 9:50am (ARM 0131) Ellis, R
TuTh.....10:00am-10:50am (MTH B0421) DIS
0132 MWF.....9:00am- 9:50am (ARM 0131) Ellis, R
TuTh.....10:00am-10:50am (MTH 0407) DIS
0141 MWF.....9:00am- 9:50am (ARM 0131) Ellis, R
TuTh.....11:00am-11:50am (MTH B0421) DIS
0142 MWF.....9:00am- 9:50am (ARM 0131) Ellis, R
TuTh.....11:00am-11:50am (MTH 0407) DIS
0211 MWF.....10:00am-10:50am (ARM 0131) Sather, J
TuTh.....8:00am- 8:50am (MTH 0101) DIS
0212 MWF.....10:00am-10:50am (ARM 0131) Sather, J
TuTh.....8:00am- 8:50am (MTH 0405) DIS
0221 MWF.....10:00am-10:50am (ARM 0131) Sather, J
TuTh.....9:00am- 9:50am (MTH 0101) DIS
0222 MWF.....10:00am-10:50am (ARM 0131) Sather, J
TuTh.....9:00am- 9:50am (MTH 0405) DIS
0231 MWF.....10:00am-10:50am (ARM 0131) Sather, J
TuTh.....10:00am-10:50am (MTH 0101) DIS
0232 MWF.....10:00am-10:50am (ARM 0131) Sather, J
TuTh.....10:00am-10:50am (MTH 0405) DIS
0241 MWF.....10:00am-10:50am (ARM 0131) Sather, J
TuTh.....11:00am-11:50am (MTH 0101) DIS
0242 MWF.....10:00am-10:50am (ARM 0131) Sather, J
TuTh.....11:00am-11:50am (MTH 0405) DIS
0311 MWF.....12:00pm-12:50pm (ARM 0131) Berg, K
TuTh.....12:00pm-12:50pm (MTH 0305) DIS
0312 MWF.....12:00pm-12:50pm (ARM 0131) Berg, K
TuTh.....12:00pm-12:50pm (MTH 0405) DIS
0321 MWF.....12:00pm-12:50pm (ARM 0131) Berg, K
TuTh.....1:00pm- 1:50pm (MTH 0305) DIS
0322 MWF.....12:00pm-12:50pm (ARM 0131) Berg, K
TuTh.....1:00pm- 1:50pm (MTH 0405) DIS

0331 MWF.....12:00pm-12:50pm (ARM 0131) Berg, K
TuTh.....2:00pm- 2:50pm (MTH 0305) DIS
0332 MWF.....12:00pm-12:50pm (ARM 0131) Berg, K
TuTh.....2:00pm- 2:50pm (MTH 0405) DIS
0341 MWF.....12:00pm-12:50pm (ARM 0131) Berg, K
TuTh.....3:00pm- 3:50pm (MTH 0305) DIS
0342 MWF.....12:00pm-12:50pm (ARM 0131) Berg, K
TuTh.....3:00pm- 3:50pm (MTH 0405) DIS
0411 MWF.....1:00pm- 1:50pm (ARM 0135) Warner, C
TuTh.....12:00pm-12:50pm (MTH 0101) DIS
0412 MWF.....1:00pm- 1:50pm (ARM 0135) Warner, C
TuTh.....12:00pm-12:50pm (MTH 0201) DIS
0421 MWF.....1:00pm- 1:50pm (ARM 0135) Warner, C
TuTh.....1:00pm- 1:50pm (MTH 0101) DIS
0422 MWF.....1:00pm- 1:50pm (ARM 0135) Warner, C
TuTh.....1:00pm- 1:50pm (MTH 0201) DIS
0431 MWF.....1:00pm- 1:50pm (ARM 0135) Warner, C
TuTh.....2:00pm- 2:50pm (MTH 0101) DIS
0432 MWF.....1:00pm- 1:50pm (ARM 0135) Warner, C
TuTh.....2:00pm- 2:50pm (MTH 0201) DIS
0441 MWF.....1:00pm- 1:50pm (ARM 0135) Warner, C
TuTh.....3:00pm- 3:50pm (MTH 0101) DIS
0442 MWF.....1:00pm- 1:50pm (ARM 0135) Warner, C
TuTh.....3:00pm- 3:50pm (MTH 0201) DIS

MATH141H (PermReq) Calculus II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: MATH 140 or equivalent. Credit will be granted for only one of the following: MATH 141 or MATH 221. Open only to University General Honors students. Credit will not be given for both MATH 141H and MATH 221. — 4 credits

2011 MTuThF....10:00am-10:50am (MTH B0425) Schafer, J

MATH210 Elements of Mathematics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: one year of college preparatory algebra. Required for majors in elementary education, and open only to students in this field. MATH 210 is open only to the following majors: 08230-educ. early childhood, 0823X pre-early childhood educ, 08020-educ elem, 0802X-pre-elem educ, 0808B-spec educ, 0808X-pre-special educ. — 4 credits

0101 MW.....8:00am- 8:50am (MTH B0425) STAFF
F.....8:00am- 9:50am (MTH B0425)
0201 MW.....9:00am- 9:50am (MTH B0425) STAFF
Th.....8:00am- 9:50am (MTH B0425)
0301 MTh.....11:00am-11:50am (MTH B0429) STAFF
W.....11:00am-12:50pm (MTH B0429)
0401 MF.....1:00pm- 1:50pm (MTH B0429) STAFF
W.....1:00pm- 2:50pm (MTH B0429)
0501 MF.....2:00pm- 2:50pm (MTH B0429) STAFF
Th.....2:00pm- 3:50pm (MTH B0429)

MATH211 Elements of Geometry; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: MATH 210 or equivalent. — 4 credits

0101 MF.....8:00am- 8:50am (MTH B0427) STAFF
W.....8:00am- 9:50am (MTH B0427)
0201 MF.....9:00am- 9:50am (MTH B0427) STAFF
Th.....8:00am- 9:50am (MTH B0427)
0301 MF.....1:00pm- 1:50pm (MTH B0427) STAFF
W.....1:00pm- 2:50pm (MTH B0427)
0401 MF.....2:00pm- 2:50pm (MTH 1311) STAFF
W.....1:00pm- 2:50pm (MTH 1311)
0501 MW.....11:00am-11:50am (MTH B0427) STAFF
Th.....10:00am-11:50am (MTH B0427)

MATH220 (PermReq) Elementary Calculus I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory performance on the mathematics placement exam, or MATH 115. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH 140 or MATH 220. — 3 credits

0111 MWF.....10:00am-10:50am (ARM 0126) Neri, U
Tu.....8:00am- 8:50am (MTH 0103) DIS
0112 MWF.....10:00am-10:50am (ARM 0126) Neri, U
Tu.....8:00am- 8:50am (MTH 0305) DIS
0121 MWF.....10:00am-10:50am (ARM 0126) Neri, U
Tu.....9:00am- 9:50am (MTH 0103) DIS
0122 MWF.....10:00am-10:50am (ARM 0126) Neri, U
Tu.....9:00am- 9:50am (MTH 0305) DIS
0131 MWF.....10:00am-10:50am (ARM 0126) Neri, U
Tu.....10:00am-10:50am (MTH 0103) DIS
0132 MWF.....10:00am-10:50am (ARM 0126) Neri, U
Tu.....10:00am-10:50am (MTH 0305) DIS
0141 MWF.....10:00am-10:50am (ARM 0126) Neri, U
Tu.....11:00am-11:50am (MTH 0103) DIS
0142 MWF.....10:00am-10:50am (ARM 0126) Neri, U
Tu.....11:00am-11:50am (MTH 0305) DIS
0211 MWF.....2:00pm- 2:50pm (HJP 0226) Schneider, D
Th.....8:00am- 8:50am (MTH 0103) DIS
0212 MWF.....2:00pm- 2:50pm (HJP 0226) Schneider, D
Th.....8:00am- 8:50am (MTH 0305) DIS
0221 MWF.....2:00pm- 2:50pm (HJP 0226) Schneider, D
Th.....9:00am- 9:50am (MTH 0103) DIS
0222 MWF.....2:00pm- 2:50pm (HJP 0226) Schneider, D
Th.....9:00am- 9:50am (MTH 0305) DIS
0231 MWF.....2:00pm- 2:50pm (HJP 0226) Schneider, D
Th.....10:00am-10:50am (MTH 0103) DIS
0232 MWF.....2:00pm- 2:50pm (HJP 0226) Schneider, D
Th.....10:00am-10:50am (MTH 0305) DIS
0241 MWF.....2:00pm- 2:50pm (HJP 0226) Schneider, D
Th.....11:00am-11:50am (MTH 0103) DIS
0242 MWF.....2:00pm- 2:50pm (HJP 0226) Schneider, D
Th.....11:00am-11:50am (MTH 0305) DIS
0311 TuTh.....9:30am-10:45am (ARM 0131) Zedek, M
M.....8:00am- 8:50am (MTH 0409) DIS
0312 TuTh.....9:30am-10:45am (ARM 0131) Zedek, M
M.....8:00am- 8:50am (MTH 0305) DIS
0321 TuTh.....9:30am-10:45am (ARM 0131) Zedek, M
M.....9:00am- 9:50am (MTH 0409) DIS
0322 TuTh.....9:30am-10:45am (ARM 0131) Zedek, M
M.....9:00am- 9:50am (MTH 0305) DIS
0331 TuTh.....9:30am-10:45am (ARM 0131) Zedek, M
M.....10:00am-10:50am (MTH 0409) DIS
0332 TuTh.....9:30am-10:45am (ARM 0131) Zedek, M
M.....10:00am-10:50am (MTH 0305) DIS
0341 TuTh.....9:30am-10:45am (ARM 0131) Zedek, M
M.....11:00am-11:50am (MTH 0409) DIS
0342 TuTh.....9:30am-10:45am (ARM 0131) Zedek, M
M.....11:00am-11:50am (MTH 0305) DIS
0411 TuTh.....12:30pm- 1:45pm (ARM 0131) Goldberg, S
W.....8:00am- 8:50am (MTH 0409) DIS
0412 TuTh.....12:30pm- 1:45pm (ARM 0131) Goldberg, S
W.....8:00am- 8:50am (MTH 0305) DIS
0421 TuTh.....12:30pm- 1:45pm (ARM 0131) Goldberg, S
W.....9:00am- 9:50am (MTH 0409) DIS
0422 TuTh.....12:30pm- 1:45pm (ARM 0131) Goldberg, S
W.....9:00am- 9:50am (MTH 0305) DIS
0431 TuTh.....12:30pm- 1:45pm (ARM 0131) Goldberg, S
W.....10:00am-10:50am (MTH 0409) DIS
0432 TuTh.....12:30pm- 1:45pm (ARM 0131) Goldberg, S
W.....10:00am-10:50am (MTH 0305) DIS
0441 TuTh.....12:30pm- 1:45pm (ARM 0131) Goldberg, S
W.....11:00am-11:50am (MTH 0409) DIS
0442 TuTh.....12:30pm- 1:45pm (ARM 0131) Goldberg, S
W.....11:00am-11:50am (MTH 0305) DIS
0501 TuTh.....11:00am-12:15pm (MTH B0431) STAFF

MATH221 Elementary Calculus II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: MATH 220, or MATH 140, or equivalent. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH 141 or MATH 221. — 3 credits

0111 TuTh.....11:00am-12:15pm (ARM 0126) Hamilton, D
M.....12:00pm-12:50pm (MTH 0305) DIS
0112 TuTh.....11:00am-12:15pm (ARM 0126) Hamilton, D
M.....12:00pm-12:50pm (MTH 0409) DIS
0121 TuTh.....11:00am-12:15pm (ARM 0126) Hamilton, D
M.....1:00pm- 1:50pm (MTH 0305) DIS
0122 TuTh.....11:00am-12:15pm (ARM 0126) Hamilton, D
M.....1:00pm- 1:50pm (MTH 0409) DIS
0131 TuTh.....11:00am-12:15pm (ARM 0126) Hamilton, D
M.....2:00pm- 2:50pm (MTH 0305) DIS
0132 TuTh.....11:00am-12:15pm (ARM 0126) Hamilton, D
M.....2:00pm- 2:50pm (MTH 0409) DIS
0141 TuTh.....11:00am-12:15pm (ARM 0126) Hamilton, D
M.....3:00pm- 3:50pm (MTH 0305) DIS
0142 TuTh.....11:00am-12:15pm (ARM 0126) Hamilton, D
M.....3:00pm- 3:50pm (MTH 0409) DIS
0211 TuTh.....2:00pm- 3:15pm (ARM 0135) Pinchuk, B
W.....12:00pm-12:50pm (MTH 0305) DIS
0212 TuTh.....2:00pm- 3:15pm (ARM 0135) Pinchuk, B
W.....12:00pm-12:50pm (MTH 0409) DIS
0221 TuTh.....2:00pm- 3:15pm (ARM 0135) Pinchuk, B
W.....1:00pm- 1:50pm (MTH 0305) DIS
0222 TuTh.....2:00pm- 3:15pm (ARM 0135) Pinchuk, B
W.....1:00pm- 1:50pm (MTH 0409) DIS
0231 TuTh.....2:00pm- 3:15pm (ARM 0135) Pinchuk, B
W.....2:00pm- 2:50pm (MTH 0305) DIS
0232 TuTh.....2:00pm- 3:15pm (ARM 0135) Pinchuk, B
W.....2:00pm- 2:50pm (MTH 0409) DIS
0241 TuTh.....2:00pm- 3:15pm (ARM 0135) Pinchuk, B
W.....3:00pm- 3:50pm (MTH 0305) DIS
0242 TuTh.....2:00pm- 3:15pm (ARM 0135) Pinchuk, B
W.....3:00pm- 3:50pm (MTH 0409) DIS
0301 MWF.....9:00am- 9:50am (MTH 0411) Lay, D

MATH240 Introduction to Linear Algebra; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: MATH 141 or equivalent. Credit will be granted for only one of the following: MATH 240 or MATH 400 or MATH 461. — 4 credits

0111 MWF.....11:00am-11:50am (ARM 0131) Lay, D
TuTh.....8:00am- 8:50am (MTH 0304) DIS
0112 MWF.....11:00am-11:50am (ARM 0131) Lay, D
TuTh.....8:00am- 8:50am (MTH 0105) DIS
0121 MWF.....11:00am-11:50am (ARM 0131) Lay, D
TuTh.....10:00am-10:50am (MTH 0304) DIS
0122 MWF.....11:00am-11:50am (ARM 0131) Lay, D
TuTh.....10:00am-10:50am (MTH 0105) DIS
0131 MWF.....11:00am-11:50am (ARM 0131) Lay, D
TuTh.....12:00pm-12:50pm (MTH 0103) DIS
0132 MWF.....11:00am-11:50am (ARM 0131) Lay, D
TuTh.....12:00pm-12:50pm (MTH 0105) DIS
0141 MWF.....11:00am-11:50am (ARM 0131) Lay, D
TuTh.....1:00pm- 1:50pm (MTH 0103) DIS
0142 MWF.....11:00am-11:50am (ARM 0131) Lay, D
TuTh.....1:00pm- 1:50pm (MTH 0105) DIS

MATH241 Calculus III; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisites: MATH 141 and any one of the following: MATH 240, or ENES 110, or PHYS 191. — 4 credits

1211 MWF.....9:00am- 9:50am (ARM 0135) Rudolph, D
TuTh.....8:00am- 8:50am (MTH 0403) DIS
1212 MWF.....9:00am- 9:50am (ARM 0135) Rudolph, D
TuTh.....8:00am- 8:50am (MTH 0106) DIS
1221 MWF.....9:00am- 9:50am (ARM 0135) Rudolph, D
TuTh.....9:00am- 9:50am (MTH 0403) DIS
1222 MWF.....9:00am- 9:50am (ARM 0135) Rudolph, D
TuTh.....9:00am- 9:50am (MTH 0106) DIS
1231 MWF.....9:00am- 9:50am (ARM 0135) Rudolph, D
TuTh.....10:00am-10:50am (MTH 0403) DIS
1232 MWF.....9:00am- 9:50am (ARM 0135) Rudolph, D
TuTh.....10:00am-10:50am (MTH 0106) DIS
1241 MWF.....9:00am- 9:50am (ARM 0135) Rudolph, D
TuTh.....1:00pm- 1:50pm (MTH 0403) DIS
1242 MWF.....9:00am- 9:50am (ARM 0135) Rudolph, D
TuTh.....1:00pm- 1:50pm (MTH 0409) DIS
1301 WF.....8:00am- 8:50am (MTH 0104) Ward, T
WF.....9:00am- 9:50am (MTH 0104) DIS
1401 MWF.....10:00am-10:50am (MTH 0405) Fukaya, K
W.....9:00am- 9:50am (MTH 0405) DIS
1501 MWF.....11:00am-11:50am (MTH 0405) Yamaguchi, T
W.....12:00pm-12:50pm (MTH 0405) DIS
1601 MWF.....12:00pm-12:50pm (MTH 0407) Green, P
Tu.....12:00pm-12:50pm (MTH 0407) DIS
1701 MWF.....1:00pm- 1:50pm (MTH 0405) STAFF
F.....12:00pm-12:50pm (MTH 0405)
1801 TuTh.....11:00am-12:15pm (MTH 0409) Cai, D
F.....10:00am-10:50am (MTH 0409) DIS
1901 TuTh.....3:00pm- 3:50pm (MTH 0105) Olver, F
TuTh.....4:00pm- 4:50pm (MTH 0105) DIS

MATH241H (PermReq) Calculus III; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisites: MATH 141 and any one of the following: MATH 240, or ENES 110, or PHYS 191. Open only to General University Honors students. — 4 credits

2011 MTuWF.....2:00pm- 2:50pm (MTH B0425) Lehner, G

MATH246 Differential Equations For Scientists and Engineers; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: MATH 141 or equivalent. — 3 credits

0101 MWF.....8:00am- 8:50am (MTH 0403) Gray, A
0201 MWF.....9:00am- 9:50am (MTH 0403) Wang, X
0301 MWF.....9:00am- 9:50am (MTH 0302) Currier, A
0401 MWF.....10:00am-10:50am (MTH 0104) Cook, C
0501 MWF.....10:00am-10:50am (ITV 1111) Wilkerson, T
0601 MWF.....11:00am-11:50am (MTH 0403) Jones, C
0701 MWF.....12:00pm-12:50pm (MTH 0403) Sather, J
0801 MWF.....1:00pm- 1:50pm (MTH 0403) Hubbard, B

0901 TuTh.....8:00am- 9:15am (MTH 0303) Marlow, R
1001 TuTh.....9:30am-10:45am (MTH 0303) Adams, J
1101 TuTh.....11:00am-12:15pm (MTH 0303) Jabon, D
1201 TuTh.....12:30pm- 1:45pm (MTH 0303) STAFF
1301 TuTh.....2:00pm- 3:15pm (MTH 0303) Winkelnkemper,
1401 TuTh.....3:30pm- 4:45pm (MTH 0303) STAFF

MATH246H (PermReq) Differential Equations For Scientists and Engineers; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: MATH 141 or equivalent. — 3 credits

0101 MWF.....11:00am-11:50am (MTH 0105) Ehrlich, G

MATH251 (PermReq) Calculus IV (Honors); Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: permission of department. — 4 credits

0111 TuTh.....2:00pm- 4:00pm (MTH 0301) Brin, M

MATH256 Introduction to Numerical Analysis; Grade Method: REG/P-F/AUD; Prerequisite: MATH 141. — 3 credits

0101 TuTh.....11:00am-12:15pm (MTH 0104) Correl, E

MATH299A Selected Topics in Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MATH386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MATH387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MATH401 Applications of Linear Algebra; Grade Method: REG/P-F/AUD; Prerequisite: MATH 400 or MATH 240. — 3 credits

0101 MWF.....10:00am-10:50am (MTH 0307) King, H
0201 MWF.....12:00pm-12:50pm (MTH 0302) Dancis, J
0301 MWF.....11:00am-11:50am (MTH 0106) Millson, J

MATH402 Algebraic Structures; Grade Method: REG/P-F/AUD; Prerequisite: MATH 240 or equivalent. Not open to mathematics graduate students. Credit will be granted for only one of the following: MATH 402 or MATH 403. Not open to mathematics graduate students or to undergraduates interested in continuing to graduate school in mathematics. — 3 credits

0101 MWF.....3:00pm- 3:50pm (MTH 1311) Schneider, D

MATH403 Introduction to Abstract Algebra; Grade Method: REG/P-F/AUD; Prerequisites: MATH 240; and MATH 241 or equivalent. Credit will be granted for only one of the following: MATH 402 or MATH 403. — 3 credits

0101 TuTh.....2:00pm- 3:15pm (MTH 0409) Correl, E

MATH404 Field Theory; Grade Method: REG/P-F/AUD; Prerequisite: MATH 403. — 3 credits

0101 TuTh.....9:30am-10:45am (MTH 0411) Kudla, S

MATH405 Linear Algebra; Grade Method: REG/P-F/AUD; Prerequisites: [MATH 240; and MATH 403] or permission of department. — 3 credits

0101 TuTh.....11:00am-12:15pm (MTH B0425) Ehrlich, G

MATH406 Introduction to Number Theory; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: MATH 141, or MATH 221 or permission of department. — 3 credits

0101 MWF.....11:00am-11:50am (MTH 1311) Lehner, G
0301 MWF.....1:00pm- 1:50pm (MTH 0201) Auslander, J
0401 TuTh.....8:00am- 9:15am (MTH 1311) Hummel, J
0501 TuTh.....9:30am-10:45am (MTH 0302) Washington, L

MATH410 (PermReq) Advanced Calculus I; Grade Method: REG/P-F/AUD; Prerequisites: MATH 240; and MATH 241. — 3 credits

0101 MWF.....12:00pm-12:50pm (MTH 0103) Warner, C
0201 TuTh.....8:00am- 9:15am (MTH 1313) Fitzpatrick, P

MATH411 (PermReq) Advanced Calculus II; Grade Method: REG/P-F/AUD; Prerequisites: MATH 410; and MATH 240 or MATH 400. — 3 credits

0101 MWF.....10:00am-10:50am (MTH 0101) Sweet, D
0201 MWF.....12:00pm-12:50pm (MTH 0105) Millson, J
0301 TuTh.....2:00pm- 3:15pm (MTH 0403) Cohen, J

MATH414 Differential Equations; Grade Method: REG/P-F/AUD; Prerequisites: MATH 410; and MATH 240 or equivalent. — 3 credits

0101 MWF.....2:00pm- 2:50pm (MTH 0301) Cooper, J

MATH417 Introduction to Fourier Analysis; Grade Method: REG/P-F/AUD; Prerequisite: MATH 410. — 3 credits

0101 TuTh.....9:30am-10:45am (MTH B0429) Benedetto, J

MATH430 Euclidean and Non-Euclidean Geometries; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisites: MATH 140; and MATH 141 or equivalent. — 3 credits

0101 MWF.....2:00pm- 2:50pm (MTH 0405) Helzer, G
0201 TuTh.....3:30pm- 4:45pm (MTH 0103) Fey, J

MATH436 Introduction to Differential Geometry; Grade Method: REG/P-F/AUD; Prerequisites: MATH 241; and [MATH 240 or MATH 461] or equivalent. — 3 credits

0101 MWF.....10:00am-10:50am (MTH 0403) Horvath, J

MATH444 Elementary Logic and Algorithms; Grade Method: REG/P-F/AUD; Prerequisite: MATH 240. Also offered as CMSC 450. — 3 credits

0101 MWF.....1:00pm- 1:50pm (MTH 0101) Green, P
0201 TuTh.....11:00am-12:15pm (MTH 0403) Pinchuk, B
0301 TuTh.....12:30pm- 1:45pm (MTH 0302) Lopez-Escobar,

MATH446 Axiomatic Set Theory; Grade Method: REG/P-F/AUD; Prerequisite: MATH 403 or MATH 450. — 3 credits

0101 MWF.....10:00am-10:50am (MTH 0302) Owings Jr., J

MATH461 Linear Algebra for Scientists and Engineers; Grade Method: REG/P-F/AUD; Prerequisites: MATH 141 and one MATH/STAT course for which MATH 141 is a prerequisite. This course cannot be used toward the upper level math requirements for MATH/STAT majors. Credit will be granted for only one of the following: MATH 240, MATH 400 or MATH 461. — 3 credits

0101 MWF.....10:00am-10:50am (MTH 0303) Dancis, J
0201 MWF.....11:00am-11:50am (MTH 0303) Sweet, D
0301 MWF.....12:00pm-12:50pm (MTH 0303) Helzer, G
0401 MWF.....2:00pm- 2:50pm (MTH 0201) Hubbard, B
0501 TuTh.....9:30am-10:45am (MTH 1313) Li, J
0601 TuTh.....11:00am-12:15pm (EGR 2107) Alexander, J
0701 TuTh.....12:30pm- 1:45pm (MTH B0421) Cohen, J
0801 TuTh.....2:00pm- 3:15pm (MTH 1311) Wu, J

MATH462 Partial Differential Equations For Scientists and Engineers; Grade Method: REG/P-F/AUD; Prerequisites: MATH 241; and MATH 246. Credit will be granted for only one of the following: MATH 462 or MATH 415. — 3 credits

0101 MWF.....8:00am- 8:50am (MTH B0421) Cook, C
0201 MWF.....9:00am- 9:50am (MTH 0102) Chu, H
0301 MWF.....10:00am-10:50am (MTH 0304) Jones, C
0401 MWF.....11:00am-11:50am (MTH 0304) Neri, U
0501 TuTh.....11:00am-12:15pm (MTH 0306) Chang, D
0601 TuTh.....2:00pm- 3:15pm (MTH B0421) Feichtinger, H

MATH463 Complex Variables for Scientists and Engineers; Grade Method: REG/P-F/AUD; Prerequisite: MATH 241 or equivalent. — 3 credits

0101 TuTh.....11:00am-12:15pm (MTH B0423) Goldberg, S
0201 MWF.....9:00am- 9:50am (MTH 0401) Gray, A
0301 MWF.....10:00am-10:50am (MTH 0103) Chu, H
0401 MWF.....12:00pm-12:50pm (MTH 0304) Currier, A
0501 TuTh.....9:30am-10:45am (MTH 1311) Fitzpatrick, P
0601 TuTh.....12:30pm- 1:45pm (MTH 1313) Grillakis, M
0701 TuTh.....2:00pm- 3:15pm (MTH 0407) Zedek, M
0801 TuTh.....3:30pm- 4:45pm (MTH 0407) Winkelnkemper,
0901 TuTh.....3:30pm- 4:45pm (MTH 0304) Hamilton, D

MATH464 Transform Methods For Scientists and Engineers; Grade Method: REG/P-F/AUD; Prerequisites: MATH 246; and MATH 463. — 3 credits

0101 MWF.....11:00am-11:50am (MTH 0103) Ellis, R
0201 TuTh.....12:30pm- 1:45pm (MTH 0102) Benedetto, J

MATH473 Methods and Models in Applied Mathematics II; Grade Method: REG/P-F/AUD; Prerequisite: MATH 472 or permission of department. Also offered as MAPL 473. Credit will be granted for only one of the following: MATH 473 and MAPL 473. — 3 credits

0101 TuTh.....2:00pm- 3:15pm (MTH 0104) Maddocks, J

MATH475 Combinatorics and Graph Theory; Grade Method: REG/P-F/AUD; Prerequisites: MATH 240; and MATH 241. Also offered as CMSC 475. — 3 credits

0101 MWF.....9:00am- 9:50am (MTH B0429) Adams, W

MATH478A Selected Topics For Teachers of Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. MATH 478A cannot be used toward the upper level MATH requirements for MATH/STAT majors. Earn credit for assisting in the classroom for selected mathematics courses. For further information come to MTH 1117. — 1-3 credits

MATH498A Selected Topics in Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-9 credits

MATH498B Selected Topics in Mathematics: Fractals and Chaos; Grade Method: REG/P-F/AUD; — 3 credits

0201 MWF.....12:00pm-12:50pm (MTH 1313) Gulick, D

MATH601 Abstract Algebra II; Grade Method: REG/AUD; Prerequisite: MATH 600. — 3 credits

0101 MWF.....10:00am-10:50am (MTH 1308) Adams, W

MATH608A Selected Topics in Algebra; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

MATH608B Selected Topics in Algebra: Number Theory; Grade Method: REG/AUD; — 3 credits

0201 TuTh.....11:00am-12:15pm (MTH 0301) Washington, L

MATH608C Selected Topics in Algebra: Algebraic Geometry; Grade Method: REG/AUD; — 3 credits

0301 TuTh.....12:30pm- 1:45pm (MTH 0104) Kudla, S

MATH630 Real Analysis I; Grade Method: REG/AUD; Prerequisite: MATH 411 or equivalent. — 3 credits

0101 MWF.....9:00am- 9:50am (MTH B0423) Berg, K

MATH631 Real Analysis II; Grade Method: REG/AUD; Prerequisite: MATH 630. — 3 credits

0101 TuTh.....11:00am-12:15pm (MTH 0102) Adams, J

MATH636 Representation Theory; Grade Method: REG/AUD; Prerequisite: MATH 631. — 3 credits

0101 TuTh.....9:30am-10:45am (MTH 0301) Rosenberg, J

MATH643 Dynamical Systems II; Grade Method: REG/AUD; Prerequisite: MATH 642 or equivalent. — 3 credits

0101 MWF.....12:00pm-12:50pm (MTH B0425) Boyle, M

MATH648A Selected Topics in Analysis; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

MATH648B Selected Topics in Analysis: Mathematical Biology; Grade Method: REG/AUD; — 3 credits

0201 TuTh.....5:00pm- 6:30pm (MTH 0201) Rinzel, J

MATH648C Selected Topics in Analysis: Selected Topics in Partial Differential Equations; Grade Method: REG/AUD; — 3 credits

0301 MWF.....10:00am-10:50am (MTH 0301) Yakobson, M

MATH656 Asymptotic Analysis and Special Functions II; Grade Method: REG/AUD; Prerequisite: MATH/MAPL 655. Also offered as MAPL 656. — 3 credits

0101 TuTh.....3:30pm- 4:45pm (MTH 0409) Olver, F

MATH660 Complex Analysis I; Grade Method: REG/AUD; Prerequisite: MATH 410 or equivalent. — 3 credits

0101 TuTh.....12:30pm- 1:45pm (MTH B0425) Berenstein, C

MATH661 Complex Analysis II; Grade Method: REG/AUD; Prerequisites: MATH 630; and MATH 660. — 3 credits

0101 TuTh.....2:00pm- 3:15pm (MTH 0102) Hummel, J

MATH668A Selected Topics in Complex Analysis; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

MATH668B Selected Topics in Complex Analysis: Reimann Surfaces; Grade Method: REG/AUD; 3 credits
0201 MWF.....11:00am-11:50am (MTH B0431) Wolpert, S

MATH668C Selected Topics in Complex Analysis: Kleinian Groups; Grade Method: REG/AUD; 3 credits
0301 MWF.....2:00pm- 2:50pm (EGR 3110) Goldman, W

MATH671 Ordinary Differential Equations II; Grade Method: REG/AUD; Prerequisites: MATH 630; and MATH/MAPL 670 or the equivalent. Also offered as MAPL 671. 3 credits
0101 TuTh.....12:30pm- 1:45pm (MTH B0427) Brin, M

MATH674 Classical Methods in Partial Differential Equations II; Grade Method: REG/AUD; Prerequisite: MATH 673. Also offered as MAPL 674. 3 credits
0101 MWF.....9:00am- 9:50am (MTH 0301) Wolfe, P

MATH681 Eigenvalue and Boundary Value Problems II; Grade Method: REG/AUD; Prerequisite: MATH/MAPL 680. Also offered as MAPL 681. 3 credits
0101 MWF.....1:00pm- 1:50pm (MTH B0425) Kellogg, R

MATH713 Mathematical Logic II; Grade Method: REG/AUD; Prerequisite: MATH 712 or MATH 447. 3 credits
0101 MWF.....10:00am-10:50am (CHE 2140) Kueker, D

MATH718A Selected Topics in Mathematical Logic; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

MATH734 Algebraic Topology; Grade Method: REG/AUD; Prerequisite: MATH 403 or equivalent. Recommended: MATH 730. 3 credits
0101 TuTh.....11:00am-12:15pm (MTH 0107) Schafer, J

MATH742 Differential Topology; Grade Method: REG/AUD; Prerequisites: (MATH 410; and MATH 411) or equivalent. 3 credits
0101 MWF.....11:00am-11:50am (MTH 1308) King, H

MATH745 Lie Groups II; Grade Method: REG/AUD; Prerequisite: MATH 744. 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH B0427) Stuck, G

MATH748A Selected Topics in Geometry and Topology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

MATH748B Selected Topics in Geometry and Topology: Non-Commutative Differential Geometry; Grade Method: REG/AUD; 3 credits
0201 MWF.....12:00pm-12:50pm (MTH 1308) Wang, X

MATH799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

MATH899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

MEES Marine-Estuarine-Environmental Sciences (Life Sciences)

MEES608A Seminar in Marine-Estuarine-Environmental Sciences; Grade Method: REG/AUD; 1 credit
0101 M.....4:00pm- 5:30pm (HZF 1108) STAFF

MEES608B Seminar in Marine-Estuarine-Environmental Sciences: Environmental Chemistry and Geochemistry; Grade Method: REG/AUD; Course meets at Chesapeake Biological Laboratory. 1 credit
0101 Time and room to be arranged Dawson, R

MEES608D Seminar in Marine-Estuarine-Environmental Sciences; Grade Method: REG/AUD; Course meets at Horn Point Environmental Lab. 1 credit
0101 Time and room to be arranged STAFF

MEES608G Seminar in Marine-Estuarine-Environmental Sciences: Ecosystem Modelling Using Stella; Grade Method: REG/AUD; Course meets at Chesapeake Biological Lab. 1-2 credits
0101 Time and room to be arranged Costanza, R

MEES608M Seminar in Marine-Estuarine-Environmental Sciences: Numerical Modeling Techniques; Grade Method: REG/AUD; Course meets at Chesapeake Biological Laboratory. 2 credits
0101 Time and room to be arranged Rice, D

MEES621 Ecology of Estuarine and Marine Environments; Grade Method: REG/AUD; 3 credits
0101 Th.....3:00pm- 5:45pm (HZF 1108) Newell, R

MEES698D Special Topics in Marine-Estuarine-Environmental Sciences: Aquatic Microbial Ecology; Grade Method: REG/AUD; 3 credits
0101 Tu.....2:00pm- 4:45pm (HZF 1108) Capone, D

MEES699 (PermReq) Special Problems in Marine-Estuarine-Environmental Sciences; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

MEES799 Masters Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

MEES899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

METO Meteorology (Comp, Math, & Phys Sci)

METO411 General Meteorology II; Grade Method: REG/P-F/AUD; Prerequisite: METO 410. METO 460 recommended corequisite. 3 credits
0101 TuTh.....9:30am-10:45am (CSS 2114) Robock, A

METO416 Introduction to Atmospheric Dynamics; Grade Method: REG/P-F/AUD; Prerequisites: MATH 241; and MATH 246; and PHYS 263. 3 credits
0101 TBA (CSS 2114) STAFF

METO460 Synoptic Meteorology I; Grade Method: REG/P-F/AUD; Pre- or corequisite: METO 411 or equivalent. 3 credits
0101 TuTh.....2:00pm- 5:00pm (CSS 2224) STAFF

METO499 (PermReq) Special Problems in Atmospheric Science; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

METO611 Dynamic Meteorology II; Grade Method: REG/AUD; Prerequisite: METO 610. 3 credits
0101 TBA (CSS 2114) Baer, F

METO625 Satellite Meteorology; Grade Method: REG/AUD; Prerequisites: METO 416; and METO 620. Prerequisites: METO 416, METO 620. 3 credits
0101 TuTh.....12:30pm- 1:45pm (CSS 2114) Thompson, O

METO630 Statistical Methods in Meteorology; Grade Method: REG/AUD; Prerequisites: (METO 411; and STAT 400) or equivalent. 3 credits
0101 MWF.....10:00am-10:50am (CSS 2114) Vernekar, A

METO637 Atmospheric Chemistry; Grade Method: REG/AUD; Prerequisites: METO 412 or CHEM 482 or permission of instructor. 3 credits
0101 TuTh.....2:00pm- 3:15pm (CSS 2114) Dickerson, R

METO658A Special Topics in Meteorology: Advanced Topics in Surface Energy Budget; Grade Method: REG/AUD; Prerequisites: MATH 241 and PHYS 263 or consent of instructor. 3 credits
0101 TuTh.....11:00am-12:15pm (CSS 2114) Pinker, R

METO658C Special Topics in Meteorology: Advanced Topics in Atmospheric Radiation; Grade Method: REG/AUD; 3 credits
0101 TBA (CSS 2114) Ellingson, R

METO658E (PermReq) Special Topics in Meteorology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

METO658R Special Topics in Meteorology: Dynamical Oceanography; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Carton, J

METO799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

METO899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

MICB Microbiology (Life Sciences)

MICB100 Basic Microbiology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Credit will be granted for only one of the following: MICB 100 or MICB 200. Labs will start on first day of classes. 4 credits
0101 MWF.....10:00am-10:50am (ZOP 1250) Cook, T
MW.....9:00am-10:00am (MCB 1206) LAB
0102 MWF.....10:00am-10:50am (ZOP 1250) Cook, T
MW.....11:00am-12:00pm (MCB 1206) LAB
0103 MWF.....10:00am-10:50am (ZOP 1250) Cook, T
MW.....12:00pm- 1:00pm (MCB 1206) LAB
0104 MWF.....10:00am-10:50am (ZOP 1250) Cook, T
MW.....1:00pm- 2:00pm (MCB 1206) LAB
0105 MWF.....10:00am-10:50am (ZOP 1250) Cook, T
MW.....2:00pm- 3:00pm (MCB 1206) LAB
0106 MWF.....10:00am-10:50am (ZOP 1250) Cook, T
MW.....3:00pm- 4:00pm (MCB 1206) LAB
0107 MWF.....10:00am-10:50am (ZOP 1250) Cook, T
TuTh.....10:00am-10:50am (MCB 1206) LAB
0108 MWF.....10:00am-10:50am (ZOP 1250) Cook, T
TuTh.....11:00am-11:50am (MCB 1206) LAB

MICB200 General Microbiology; Grade Method: REG/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: CHEM 113. Credit will be granted for only one of the following: MICB 100 or MICB 200. Labs will start on first day of classes. 4 credits
0101 TuTh.....11:00am-11:50am (ARM 0135) Smith, A
MW.....9:00am-10:50am (MCB 1205) LAB
0103 TuTh.....11:00am-11:50am (ARM 0135) Smith, A
MW.....12:00pm- 1:50pm (MCB 1205) LAB
0104 TuTh.....11:00am-11:50am (ARM 0135) Smith, A
MW.....12:00pm- 1:50pm (MCB 1201) LAB
0105 TuTh.....11:00am-11:50am (ARM 0135) Smith, A
MW.....2:00pm- 3:50pm (MCB 1205) LAB
0106 TuTh.....11:00am-11:50am (ARM 0135) Smith, A
MW.....2:00pm- 3:50pm (MCB 1201) LAB
0107 TuTh.....11:00am-11:50am (ARM 0135) Smith, A
TuTh.....9:00am-10:50am (MCB 1205) LAB
0108 TuTh.....11:00am-11:50am (ARM 0135) Smith, A
TuTh.....9:00am-10:50am (MCB 1201) LAB
0109 TuTh.....11:00am-11:50am (ARM 0135) Smith, A
TuTh.....12:00pm- 1:50pm (MCB 1205) LAB
0110 TuTh.....11:00am-11:50am (ARM 0135) Smith, A
TuTh.....12:00pm- 1:50pm (MCB 1201) LAB
0111 TuTh.....11:00am-11:50am (ARM 0135) Smith, A
TuTh.....2:00pm- 3:50pm (MCB 1205) LAB
0112 TuTh.....11:00am-11:50am (ARM 0135) Smith, A
TuTh.....2:00pm- 3:50pm (MCB 1201) LAB

MICB200H (PermReq) General Microbiology; Grade Method: REG; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: CHEM 113. Credit will be granted for only one of the following: MICB 100 or MICB 200. Labs will start on the first day of classes. Limited to General Honors students; obtain permission from General Honors Office. MICB majors who are not in General Honors may see the Microbiology Dept. for special permission. 4 credits
0101 TuTh.....11:00am-11:50am (ARM 0135) Smith, A
MW.....9:00am-10:50am (MCB 1201) LAB

MICB379 (PermReq) Honors Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Open only to departmental honors students. 2-3 credits

MICB388 (PermReq) Special Topics in Microbiology; Grade Method: REG/P-F; Prerequisite: two lab courses in MICB. May be repeated but only 4 credits may be applied to major requirements. 1-4 credits
0101 Time and room to be arranged Hetrick, F

MICB388A Special Topics in Microbiology: Immunology; Grade Method: REG/AUD; Prerequisite: MICB 440 or permission of instructor. 2 credits
0101 TuTh.....11:00am-11:50am (MCB 1207) Roberson, B
F.....10:00am-10:50am (MCB 1135) DIS

MICB388R Special Topics in Microbiology: Special Topics in Microbiology Research Projects; Grade Method: REG/P-F/AUD; 1-4 credits
0101 Time and room to be arranged Joseph, S

MICB388Z Special Topics in Microbiology: Recombinant DNA Theory; Grade Method: REG/P-F/AUD; Prerequisites: ZOOL 211, ZOOL 213 or permission of instructor. 3 credits
0101 TuTh.....9:30am-10:45am (ZOP 1250) Shapiro, S

MICB399 (PermReq) Microbiological Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: 16 credits in MICB. May be repeated, but only 3 credits can be applied to major requirements. 3 credits

MICB410 History of Microbiology; Grade Method: REG/P-F/AUD; Prerequisite: MICB major or permission of department. 1 credit
0101 F.....9:00am- 9:50am (MCB 1207) Doetsch, R

MICB420 Epidemiology and Public Health; Grade Method: REG/P-F/AUD; Prerequisite: MICB 200. 2 credits
0101 TuTh.....1:00pm- 1:50pm (MCB 1207) Joseph, S

MICB450 Immunology; Grade Method: REG; Prerequisite: MICB 440. Credit will be granted for only one of the following: ZOOL 455 or MICB 450. Student should have attained minimum level of 80 completed credits. 4 credits
0101 TuTh.....11:00am-11:50am (MCB 1207) Roberson, B
TuTh.....2:00pm- 4:00pm (MCB 1143) LAB
0102 TuTh.....11:00am-11:50am (MCB 1207) Roberson, B
TuTh.....2:00pm- 4:00pm (MCB 1135) LAB

MICB453 Recombinant DNA Laboratory; Grade Method: REG; Prerequisite: ZOOL 452 and permission of department. Credit will be granted for only one of the following: MICB 453 or ZOOL 453. 3 credits
0101 MW.....1:00pm- 5:00pm (MCB 1207) Stein, D
MW.....1:00pm- 5:00pm (MCB 1143) LAB
0102 MW.....1:00pm- 5:00pm (MCB 1207) Stein, D
MW.....1:00pm- 5:00pm (MCB 1135) LAB

MICB460 General Virology; Grade Method: REG; Prerequisite: MICB 440 or equivalent. 3 credits
0101 MWF.....11:00am-11:50am (MCB 1207) Hetrick, F

MICB674 (PermReq) Bacterial Metabolism; Grade Method: REG/AUD; Prerequisite: MICB 470 or equivalent, BCHM 462. 2 credits
0101 TuTh.....10:00am-10:50am (MCB 1207) MacQuillan, A

MICB688 (PermReq) Special Topics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

MICB688A (PermReq) Special Topics: Current Topics in Marine Microbiology and Biotechnology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Colwell, R

MICB688B (PermReq) Special Topics: Current Topics in Fish Disease Research; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Hetrick, F

MICB688D (PermReq) Special Topics: Current Topics in Marine Biotechnology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Weiner, R

MICB688E Special Topics: Current Topics in Molecular Biology; Grade Method: REG; 1 credit
0101 Time and room to be arranged Stein, D

MICB688F (PermReq) Special Topics: Current Topics in Microbial Genetics; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Voll, M

MICB688K (PermReq) Special Topics: Current Topics in Bacterial Pathogenesis; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Joseph, S

MICB688N (PermReq) Special Topics: Current Topics in Biotechnology; Grade Method: REG/AUD; Prerequisite: MICB 780 or equivalent, and a course in biochemistry plus permission of instructor. 3 credits
0101 WF.....11:00am-11:50am (MCB 2119) Yuan, R
F.....12:00pm- 2:00pm (MCB 2119) LAB

MICB688Z (PermReq) Special Topics: Recombinant DNA Lab; Grade Method: REG; 2 credits
0101 MW.....1:00pm- 5:00pm (MCB 1138) LAB Stein, D

MICB750 Advanced Immunology; Grade Method: REG/AUD; 2 credits
0101 MW.....9:00am- 9:50am (MCB 1207) Roberson, B

MICB789 (PermReq) Seminar; Grade Method: REG/AUD; 1 credit
0101 F.....3:00pm- 5:00pm (MCB 1207) Capage, M
F.....12:00pm-12:50pm (MCB 1207)
Th.....2:00pm- 4:00pm (MCB 1207)

MICB799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

MICB899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

MUED Music Education (Education)

MUED197 (PermReq) Pre-Professional Experiences; Grade Method: REG/P-F/AUD; Limited to music education majors. 1 credit
0101 M.....11:00am-12:50pm (TWS 3238) Folstrom, R
W.....11:00am-11:50am (TWS 3238) LAB

MUED420 (PermReq) Instrumental Music: Methods, Materials and Administration for Secondary School; Grade Method: REG/AUD; 2 credits
0101 TuTh.....2:00pm- 3:15pm (TWS 1123) Rothlisberger,

MUED472 (PermReq) Choral Techniques and Repertoire; Grade Method: REG/AUD; Prerequisites: MUED 470 and MUSC 490. Must be taken concurrently with MUED 478. 2 credits
0101 Tu.....11:00am-11:50am (TWS 2138) Folstrom, R
Th.....10:00am-11:50am (TWS 2138)

MUED478 (PermReq) Special Topics in Music Education: General Music in Middle/Junior High Schools; Grade Method: REG/AUD; 2 credits
0101 Tu.....9:00am-10:50am (TWS 3132) Troth, E
Th.....9:00am- 9:50am (TWS 3132)

MUED478A (PermReq) Special Topics in Music Education: Organizing Elementary Teaching Experiences in Music; Grade Method: REG/AUD; 2 credits
0201 TBA (TWS 3132) Stauffer, A

MUED890 (PermReq) Research Methods in Music and Music Education; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:30pm (TWS 3132) Saunders, C

MUED898A Current Trends in Music Education: Teaching the Theory, History, and Literature of Music; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:30pm (TWS 2123) Troth, E

MUSC Music (Arts and Humanities)

MUSC100A Beginning Class Voice; Grade Method: REG; Limited to non-music majors. 2 credits
0101 MW.....9:00am- 9:50am (TWS 3116) Chipman, P
0201 MW.....11:00am-11:50am (TWS 2123) STAFF
0301 TuTh.....11:00am-11:50am (TWS 2123) STAFF
0401 MW.....10:00am-10:50am (TWS 3116) STAFF
0501 MW.....12:00pm-12:50pm (TWS 2123) STAFF
0601 TuTh.....10:00am-10:50am (TWS 3116) STAFF
0701 MW.....2:00pm- 2:50pm (TWS 2102) Chipman, P

MUSC102B Beginning Class Piano I; Grade Method: REG/P-F; Limited to non-music majors. 2 credits
0101 TuTh.....9:30am-10:45am (TWS 3218) Rivera, L
0301 TuTh.....12:30pm- 1:45pm (TWS 3218) Rivera, L

MUSC103 Beginning Class Piano II; Grade Method: REG/AUD; Prerequisite: MUSC 102 or permission of department. Limited to music majors. 2 credits
0101 MWF.....1:00pm- 1:50pm (TWS 3218) Elliston, R

MUSC103A Beginning Class Piano II; Grade Method: REG/AUD; Prerequisite: MUSC 102 or permission of department. Limited to MUED piano principals. 2 credits
0101 MWF.....10:00am-10:50am (TWS 3218) Elliston, R

MUSC111 (PermReq) Class Study of Wind and Percussion Instruments; Grade Method: REG/P-F/AUD; Open only to majors in music education (vocal option). 2 credits
0101 MWF.....10:00am-10:50am (TWS 1123) STAFF

MUSC113 (PermReq) Class Study: Violin; Grade Method: REG/AUD; Open only to majors in music (instrumental option). 2 credits
0101 MWF.....9:00am- 9:50am (TWS 1102) Fischbach, G

MUSC117 (PermReq) Class Study: Flute, Oboe, Bassoon, and Saxophone; Grade Method: REG/AUD; Open only to majors in music education (instrumental option). 2 credits
0101 MWF.....10:00am-10:50am (TWS 1102) Walters, E
Time and room to be arranged LAB

MUSC121 (PermReq) Class Study: Horn, Trombone, Euphonium, and Tuba; Grade Method: REG/AUD; Open only to majors in music education (instrumental option). 2 credits
0101 MWF.....8:00am- 8:50am (TWS 1102) Wakefield, J
Time and room to be arranged LAB

MUSC123 (PermReq) Movement for Singers; Grade Method: REG/P-F/AUD; 1 credit
0101 Th.....12:30pm- 2:00pm (TWS 1125) Balthrop, C

MUSC128 (PermReq) Sight Reading For Pianists; Grade Method: REG/AUD; 2 credits
0101 TuTh.....10:00am-10:50am (TWS 3129) Garvey, E

MUSC129A (PermReq) Ensemble: Strings; Grade Method: REG; Contact instructor to make arrangements. 1 credit
0101 TBA (TWS 2239) Fischbach, G

MUSC129B (PermReq) Ensemble: Woodwinds; Grade Method: REG; Contact instructor to make arrangements. 1 credit
0101 TBA (TWS 3125) Montgomery, W
0201 TBA (TWS 1219C) Heim, N
0301 TBA (TWS 2229) Olson, O
0401 TBA (TWS 3120A) Jackson, R
0501 TBA (TWS 3120A) Walters, E
0601 TBA (TWS 1219D) Golding, K

MUSC129C (PermReq) Ensemble: Brass; Grade Method: REG; Contact instructor to make arrangements. 1 credit

0101 TBA (TWS 2220) Olson, O
0201 TBA (TWS 3121) Head, E
0301 TBA (TWS 1112) Sparks, L

MUSC129D Ensemble: Clarinet Choir; Grade Method: 1 credit
(PermReq) REG; Contact instructor to make arrangements.
0101 MF.....2:00pm- 2:50pm (TWS 1102) Heim, N

MUSC129E Ensemble: Brass Choir; Grade Method: REG; 1 credit
(PermReq) Contact instructor to make arrangements.
0101 MW.....12:00pm-12:50pm (TWS 1102) Olson, O

MUSC129F Ensemble: Percussion; Grade Method: REG; 1 credit
(PermReq) Contact instructor to make arrangements.
0101 TuTh.....11:00am-12:15pm (TWS 1102) Barnett, R

MUSC129G Ensemble: Percussion Keyboard; Grade 1 credit
(PermReq) Method: REG; Contact instructor to make arrangements.
0101 TBA (TWS 1209B) Barnett, R

MUSC129I Ensemble: Twentieth Century; Grade Method: 1 credit
(PermReq) REG;
0101 TBA (TWS 1241B) DeLio, T

MUSC129J Ensemble: Jazz; Grade Method: REG; Contact 1 credit
instructor to make arrangements.
0101 MW.....5:30pm- 7:00pm (TWS 1102) Ross, G
0201 MWF.....1:00pm- 1:50pm (TWS 1102) Ross, G

MUSC129K Ensemble: Non-Western; Grade Method: REG; 1 credit
Contact instructor to make arrangements.
0101 TBA (TWS 3108) Robertson, C

MUSC129L Ensemble: Mixed Instruments; Grade Method: 1 credit
REG; Contact instructor to make arrangements.
0101 TBA (TWS 3125) Montgomery, W

MUSC129M Ensemble: Flute Choir; Grade Method: REG; 1 credit
Contact instructor to make arrangements.
0101 TuTh.....2:00pm- 3:15pm (TWS 2102) Montgomery, W

MUSC129T Ensemble: Tuba Ensemble; Grade Method: 1 credit
REG/AUD;
0101 MW.....11:00am-12:00pm (TWS 1102) Sparks, L

MUSC130 Survey of Music Literature; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Open to all students except music and music education majors.
0101 MWF.....10:00am-10:50am (TWS 2102) Gross, S
0201 MWF.....9:00am- 9:50am (TWS 2102) Bomberger, E

MUSC140 Music Fundamentals I; Grade Method: 3 credits
REG/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Limited to non-music majors.
0101 TuTh.....8:00am- 9:15am (TWS 2102) Olson, O
0201 MWF.....12:00pm-12:50pm (TWS 2102) STAFF
0301 MWF.....8:00am- 8:50am (TWS 2102) Hampton, E
0401 TuTh.....9:30am-10:45am (TWS 2102) Sanborn, C

MUSC151 Theory of Music II; Grade Method: REG/AUD; 3 credits
(PermReq) Prerequisite: a grade of C or better in MUSC 150.
0101 TuThF.....9:00am- 9:50am (TWS 2123) Wilson, M
MW.....9:00am- 9:50am (TWS 2123) LAB
0102 TuThF.....9:00am- 9:50am (TWS 2123) Wilson, M
MW.....9:00am- 9:50am (TWS 2138) LAB
0201 MWF.....9:00am- 9:50am (TWS 2135) Gibson, R
TuTh.....9:00am- 9:50am (TWS 2135) LAB
0202 MWF.....9:00am- 9:50am (TWS 2135) Gibson, R
TuTh.....9:00am- 9:50am (TWS 2138) LAB

MUSC155 Fundamentals for the Classroom Teacher; 3 credits
Grade Method: REG/P-F/AUD; Open to students majoring in elementary education or childhood education; other students take MUSC 150. Credit will be granted for only one of the following: MUSC 150 or MUSC 155.
0101 TuTh.....2:00pm- 3:15pm (TWS 2123) Zinkievich, K
0201 MWF.....12:00pm-12:50pm (TWS 2135) Warren, D
0301 MWF.....3:00pm- 3:50pm (TWS 2138) Warren, D

MUSC200 Intermediate Class Voice I; Grade Method: 2 credits
REG; Prerequisite: MUSC 100 or equivalent vocal training.
0101 MW.....11:00am-11:50am (TWS 2135) Chipman, P
0201 TuTh.....2:00pm- 2:50pm (TWS 2135) Tate, M

MUSC203 Intermediate Class Piano II; Grade Method: 2 credits
REG/AUD; Prerequisite: MUSC 202 or equivalent piano training. Limited to MUED voice principals.
0101 MWF.....9:00am- 9:50am (TWS 3218) Elliston, R

MUSC203A Intermediate Class Piano II; Grade Method: 2 credits
REG/AUD; Prerequisite: MUSC 202 or equivalent piano training. Limited to MUED piano principals.
0101 MWF.....12:00pm-12:50pm (TWS 3218) Elliston, R

MUSC215 The Art of the Performer; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement;
0101 TuTh.....10:00am-11:15am (TWS 1125) Walters, E

MUSC218 Class Composition II; Grade Method: 2 credits
(PermReq) REG/AUD; Prerequisite: MUSC 151 and permission of instructor.
0101 TBA (TWS 1219B) Moss, L

MUSC227 Vocal Diction: German; Grade Method: 1 credit
(PermReq) REG/P-F/AUD;
0101 MW.....4:00pm- 4:50pm (TWS 2123) Hillebrandt, J

MUSC229A Ensemble: Symphony Orchestra; Grade 1 credit
Method: REG; Contact instructor to make arrangements.
0101 MWF.....3:00pm- 5:00pm (TWS 1102) Hudson, W
Tu.....7:00pm- 9:30pm (TWS 1102) LAB

MUSC229C Ensemble: Theater Orchestra; Grade Method: 1 credit
REG; Contact instructor to make arrangements.
0101 TBA (TWS 3267) Hudson, W

MUSC229D Ensemble: Symphonic Wind Ensemble; Grade 1 credit
Method: REG; Contact instructor to make arrangements.
0101 TuTh.....3:30pm- 6:00pm (TWS 1102) Wakefield, J

MUSC229E Ensemble: Concert Band; Grade Method: REG; 1 credit
Contact instructor to make arrangements.
0101 TuTh.....2:00pm- 3:15pm (TWS 1102) Sparks, L

MUSC229R Ensemble: Repertoire Orchestra; Grade 1 credit
Method: REG/AUD;
0101 W.....7:30pm- 9:30pm (TWS 1102) Head, E

MUSC230 History of Music I; Grade Method: REG/AUD; 3 credits
(PermReq) Prerequisite: MUSC 250 or equivalent.
0101 MWF.....2:00pm- 2:50pm (TWS 2138) Beicken, S

MUSC251 Advanced Theory of Music II; Grade Method: 4 credits
(PermReq) REG/AUD; Prerequisite: a grade of C or better in MUSC 250.
0101 TuThF.....10:00am-10:50am (TWS 2135) DeLio, T
MW.....10:00am-10:50am (TWS 2135) LAB
0102 TuThF.....10:00am-10:50am (TWS 2135) DeLio, T
MW.....10:00am-10:50am (TWS 2123) LAB
0201 MWF.....10:00am-10:50am (TWS 2138) Gibson, R
TuTh.....10:00am-10:50am (TWS 1123) LAB
0202 MWF.....10:00am-10:50am (TWS 2138) Gibson, R
TuTh.....10:00am-10:50am (TWS 2123) LAB

MUSC328 Chamber Music Performance for Pianists; 2 credits
(PermReq) Grade Method: REG/P-F;
0101 TuTh.....11:00am-11:50am (TWS 3129) Garvey, E

MUSC329A Ensemble: University of Maryland Chorale; 1 credit
Grade Method: REG; Contact instructor to make arrangements.
0101 TuTh.....3:30pm- 5:30pm (TWS 2102) Folstrom, R

MUSC329D Ensemble: University Chorus; Grade Method: 1 credit
REG; Contact instructor to make arrangements.
0101 Tu.....7:30pm-10:00pm (TWS 2102) Traver, P

MUSC329E Ensemble: Gospel Choir; Grade Method: REG; 1 credit
0101 Th.....7:00pm-10:00pm (TWS 2102) Foster, V

MUSC330 History of Music II; Grade Method: 3 credits
(PermReq) REG/AUD; Prerequisite: MUSC 250 or equivalent. Romantic era to present.
0101 MWF.....2:00pm- 2:50pm (TWS 2123) Helm, E

MUSC331 History of Music III; Grade Method: 3 credits
(PermReq) REG/AUD; Prerequisite: MUSC 230 and MUSC 330. Antiquity through Baroque.

0101 MWF.....2:00pm- 2:50pm (TWS 3116) Serwer, H

MUSC339 Honors in Music; Grade Method: REG; 3 credits
(PermReq) Concurrent registration in MUSC 349 required.
0101 TBA (TWS 3105) Helm, E

MUSC341 Music Literature Survey II; Grade Method: 3 credits
REG/P-F/AUD; Prerequisite: MUSC 130 or equivalent. Limited to non-music majors.
0101 MWF.....1:00pm- 1:50pm (TWS 2123) Davis, S

MUSC346 Jazz Theory and Inprovisation II; Grade 3 credits
Method: REG/AUD; Prerequisite: MUSC 345 or permission of department.
0101 M.....7:00pm-10:00pm (TWS 1102) Ross, G

MUSC349 Honors Seminar in Music; Grade Method: 1 credit
(PermReq) REG; Concurrent enrollment in MUSC 339 required.
0101 Th.....12:30pm- 2:00pm (TWS 2138) Helm, E

MUSC379 Opera Workshop; Grade Method: REG; 2 credits
(PermReq)
0101 Time and room to be arranged Major, L

MUSC388 Music Internship; Grade Method: REG; 3 credits
(PermReq)
0101 TBA (TWS 2110) Cooper, J

MUSC389 Music Internship Analysis; Grade Method: 1 credit
(PermReq) REG;
0101 TBA (TWS 2110) Cooper, J

MUSC400I Music Pedagogy; Grade Method: REG/P-F/AUD; 3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number. Pre- or corequisite: MUSC 418 or a more advanced course in applied music.

MUSC400V Music Pedagogy; Grade Method: REG/AUD; 3 credits
(PermReq) Pre- or corequisite: MUSC 418 or a more advanced course in applied music. Limited to voice majors.
0101 MW.....4:30pm- 6:00pm (TWS 2138) Fleming, L

MUSC428 Repertoire Coaching of Vocal or Chamber 2 credits
(PermReq) Music; Grade Method: REG/AUD;
0101 TBA (TWS 3214A) Elliston, R
0201 TBA (TWS 3129) Garvey, E
0301 TBA (TWS 2233) McCoy, R

MUSC429 Opera Theater; Grade Method: REG; Contact 2-3 credits
(PermReq) instructor to make arrangements.
0101 Time and room to be arranged Major, L

MUSC433 Music in World Cultures II; Grade Method: 3 credits
REG/AUD; Prerequisite: MUSC 130 or permission of department.
0101 Tu.....3:30pm- 6:00pm (TWS 2135) Robertson, C

MUSC436 Jazz: Then and Now; Grade Method: REG/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (TWS 2135) Wexler, R

MUSC438 Area Studies in Ethnomusicology; Music in 3 credits
Africa; Grade Method: REG/P-F/AUD; Prerequisite: MUSC 432 or 433 or equivalent.
0101 Th.....4:30pm- 6:00pm (TWS 3116) Robertson, C

MUSC439 Collegium Musicum; Grade Method: REG; 1 credit
(PermReq)
0101 MW.....4:00pm- 5:30pm (TWS 1123) Wexler, R

MUSC445 Survey of the Opera; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Prerequisite: MUSC 330, MUSC 331 or equivalent.
0101 W.....7:30pm- 9:00pm (TWS 3116) Serwer, H

MUSC448 Selected Topics in Music; Grade Method: 1-3 credits
(PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

MUSC448F Selected Topics in Music: Advanced 1 credit
(PermReq) Diction: French; Grade Method: REG/AUD;
0101 Time and room to be arranged McCoy, R

MUSC448I Selected Topics in Music: Advanced 1 credit
(PermReq) Diction: Italian; Grade Method: REG/AUD;
0101 TuTh.....11:00am-11:50am (TWS 2135) Cossa, D

MUSC448J Selected Topics in Music: Jazz Vocal 2 credits
(PermReq) Techniques and Piano Accompaniments; Grade Method: REG/AUD; Instructors: Elliston, R. and Wells, R.
0101 W.....7:00pm-10:00pm (TWS 3218) Elliston, R
W.....7:00pm-10:00pm (TWS 3218) LAB
0201 W.....4:00pm- 7:00pm (TWS 3218) Elliston, R
W.....4:00pm- 7:00pm (TWS 3218) LAB

MUSC448L Selected Topics in Music: Instrumental 2 credits
(PermReq) Phrasing and Interpretation; Grade Method: REG/AUD;
0301 MW.....2:00pm- 2:50pm (TWS 1123) Hudson, W

MUSC448N Selected Topics in Music: Chamber Music 3 credits
(PermReq) Literature; Grade Method: REG/AUD;
0101 Th.....7:00pm- 9:30pm (TWS 3116) Davis, S

MUSC4480 Selected Topics in Music: The Business of 2 credits
(PermReq) Music II; Grade Method: REG/AUD;
0101 MW.....1:00pm- 1:50pm (TWS 3116) Walters, E

MUSC448P Selected Topics in Music: Masterclass 2 credits
(PermReq) Series in Performing Baroque Music; Grade Method: REG/P-F/AUD;
0101 W.....12:00pm- 3:00pm (TWS 1125) Slowik, K

MUSC448V Selected Topics in Music: Vocal Coaching 2-3 credits
(PermReq) Techniques; Grade Method: REG/P-F; For piano majors. Please see Prof. McCoy for permission.
0101 Time and room to be arranged STAFF

MUSC453 Class Study of Guitar and Recorder; Grade 2 credits
(PermReq) Method: REG/AUD; Prerequisite: permission of department. Limited to music education majors.
0101 MWF.....3:00pm- 3:50pm (TWS 2123) Saunders, C

MUSC471 Contemporary Compositional Techniques; 2 credits
(PermReq) Grade Method: REG/AUD; Prerequisite: MUSC 470 of permission of department.
0101 F.....11:00am-12:40pm (TWS 2123) DeLio, T

MUSC480 Music in Antiquity and the Middle Ages; 3 credits
(PermReq) Grade Method: REG/AUD;
0101 MW.....11:00am-12:15pm (TWS 3116) Wexler, R

MUSC486 Orchestration I; Grade Method: 2 credits
(PermReq) REG/P-F/AUD; Prerequisite: MUSC 251.
0101 MW.....1:00pm- 1:50pm (TWS 2135) Gibson, R

MUSC491 Conducting II; Grade Method: REG/AUD; 2 credits
(PermReq) Prerequisite: MUSC 490 or equivalent.
0101 MWF.....1:00pm- 1:50pm (TWS 2138) Hudson, W
0201 MWF.....1:00pm- 1:50pm (TWS 2102) Traver, P

MUSC493 Keyboard Music II; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Prerequisite: MUSC 492.
0101 MW.....11:30am-12:50pm (TWS 2138) Gowen, B

MUSC499 Independent Studies; Grade Method: 2-3 credits
REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

MUSC608 Chamber Music Repertory; Grade Method: 1-3 credits
REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

MUSC624 Documents of Theory and Aesthetics: 3 credits
(PermReq) Romantic; Grade Method: REG/AUD;
0101 Th.....9:30am-12:00pm (TWS 3131) Cohen, H

MUSC630 Teaching the Theory, History, and 3 credits
Literature of Music; Grade Method: REG/AUD; Prerequisite: graduate standing and permission of instructor.
0101 Tu.....4:00pm- 6:30pm (TWS 2123) Troth, E

MUSC639 Seminar in Music: The Music of Arnold 3 credits
(PermReq) Schoenberg; Grade Method: REG/AUD;
0101 Th.....2:00pm- 4:30pm (TWS 2138) Davis, S

MUSC645 Seminar in Vocal Pedagogy; Grade Method: 3 credits
(PermReq) REG/AUD; Prerequisite: MUSC 400 or equivalent. Advanced special students require department authorization.
0101 MW.....4:30pm- 6:00pm (TWS 2138) Fleming, L

MUSC650 The Contemporary Idiom; Grade Method: 3 credits
(PermReq) REG/AUD; Prerequisite: MUSC 470 or permission of department.

0101 W.....3:00pm- 5:30pm (TWS 3116) Moss, L

MUSC683 Seminar in Music of the Classic Era; Grade 3 credits
(PermReq) Method: REG/AUD;
0101 F.....10:00am-12:30pm (TWS 3131) Helm, E

MUSC689 Advanced Conducting; Grade Method: 3 credits
(PermReq) REG/AUD; Advanced special students require department authorization. Limited to conducting majors only.
0101 Time and room to be arranged Traver, P
0201 TBA (TWS 3267) Hudson, W
0301 Time and room to be arranged Wakefield, J

MUSC699 Selected Topics in Music; Grade Method: 2-3 credits
(PermReq) REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

MUSC699B Selected Topics in Music: Opera Techniques 2-3 credits
(PermReq) II; Grade Method: REG/AUD; Concurrent registration with MUSC 448I.
0101 Time and room to be arranged Major, L
Time and room to be arranged LAB

MUSC699D Selected Topics in Music: Advanced Opera 2-3 credits
(PermReq) Techniques II; Grade Method: REG/AUD; Concurrent registration with MUSC 448F.
0101 Time and room to be arranged Major, L
Time and room to be arranged LAB

MUSC699J Selected Topics in Music: Jazz Vocal 2 credits
(PermReq) Technique and Piano Accompaniments; Grade Method: REG/AUD;
0101 W.....7:00pm-10:00pm (TWS 3218) Elliston, R
W.....7:00pm-10:00pm (TWS 3218) LAB
0201 W.....4:00pm- 7:00pm (TWS 3218) Elliston, R
W.....4:00pm- 7:00pm (TWS 3218) LAB

MUSC699L Selected Topics in Music: Instrumental 2 credits
(PermReq) Phrasing and Interpretation; Grade Method: REG/AUD;
0301 MW.....2:00pm- 2:50pm (TWS 1123) Hudson, W

MUSC699N Selected Topics in Music: Chamber Music 3 credits
(PermReq) Literature; Grade Method: REG/AUD;
0101 Th.....7:00pm- 9:30pm (TWS 3116) Davis, S

MUSC6990 Selected Topics in Music: The Business of 2 credits
(PermReq) Music II; Grade Method: REG/AUD;
0101 MW.....1:00pm- 1:50pm (TWS 3116) Walters, E

MUSC699P Selected Topics in Music: Masterclass 2 credits
(PermReq) Series in Performing Baroque Music; Grade Method: REG/AUD;
0101 W.....12:00pm- 3:00pm (TWS 1125) Slowik, K

MUSC699V Selected Topics in Music: Vocal Coaching 2-3 credits
(PermReq) Technique; Grade Method: REG; For piano majors. Please see Prof. McCoy for permission.
0101 Time and room to be arranged STAFF

MUSC799 Master's Thesis Research; Grade Method: 1-6 credits
REG; Individual Instruction course: contact department or instructor to obtain section number.

MUSC800I Advanced Seminar in Music Pedagogy; Grade 3 credits
(PermReq) Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.

MUSC801I Advanced Seminar in Music Pedagogy; Grade 3 credits
(PermReq) Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor. Limited to instrumental majors. Advanced special students require department authorization.

MUSC801P Advanced Seminar in Music Pedagogy; Grade 3 credits
(PermReq) Method: REG; Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.
0101 TBA (TWS 2211) Koscielny, A

MUSC801V Advanced Seminar in Music Pedagogy; Grade 3 credits
(PermReq) Method: REG/AUD; Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.
0101 Time and room to be arranged STAFF

MUSC830I Doctoral Seminar in Music Literature; 3 credits
(PermReq) Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: at least twelve hours in music history and literature.

MUSC831I Doctoral Seminar in Music Literature; 3 credits
(PermReq) Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: MUSC 830 or permission of instructor. Limited to instrument majors.

MUSC878 Advanced Composition; Grade Method: 3 credits
(PermReq) REG/AUD; Advanced special students require department authorization.
0101 TBA (TWS 1219B) Moss, L
0201 TBA (TWS 1241B) DeLio, T
0301 TBA (TWS 1231C) Wilson, M
0401 TBA (TWS 1241A) Gibson, R

MUSC899 Doctoral Dissertation Research; Grade 1-8 credits
Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

MUSP Music Performance (Arts & Humanities)

Individual performance instruction courses in piano, voice and instruments are open to qualified major and non-major students by prior audition and permission of the Music Department Chairman.

Audition schedules, prerequisites, instructor section numbers, and registration permission forms may be obtained in the Department of Music Office.

INSTRUMENT DESIGNATION
Indicate the instrument chosen by adding a suffix to the course number.

SUFFIX	INSTRUMENT	SUFFIX	INSTRUMENT	SUFFIX	INSTRUMENT
A	Piano	J	Bassoon		
B	Voice	K	Saxophone	T	Composition
C	Violin	L	Horn	U	World inst undergrad
D	Viola	M	Trumpet	U	Conducting graduate
E	Cello	N	Trombone	V	Harp
F	Bass	O	Tuba	W	Electronic comp.
G	Flute	P	Euphonium	X	Hist inst - keyboard
H	Oboe	Q	Percussion	Y	Hist inst - strings
I	Clarinet			Z	Hist inst - winds

MINOR SERIES

Intended for either music majors studying a secondary instrument or non-music majors. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 102. Transfer students are evaluated for higher placement after one semester of study.

MUSP102, 103, 202, 203, 302, 303, 402, 403 2 credits
(PermReq) Music Performance; Minor Series
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,U,V,X,Y,Z
Time and room to be arranged.

PRINCIPAL SERIES

Intended for students majoring in music programs other than performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 109. Transfer students are evaluated for higher placement after one semester of study.

MUSP109, 110, 207, 208, 305, 306, 409, 410 2 or 4 credits
(PermReq) Music Performance; Principal Series
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,X,Y,Z
Time and room to be arranged.

MUSP609 Interpretation and Repertoire 2 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F,

G,H,I,J,K,L,M,N,O,P,Q,T,U,K
Time and room to be arranged.

MUSP610 Graduate Music Performance 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F,
G,H,I,J,K,L,M,N,O,P,Q,T,U,K
Time and room to be arranged.

MAJOR SERIES
Intended for students majoring in music performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 110. Transfer students are evaluated for higher placement after one semester of study.

MUSP119, 120, 217, 218, 315, 316, 419, 420 2 or 4 credits
(PermReq) Music Performance; Major Series
Grade Method: REG
Instruments offered: A,B,C,D,E,F,
G,H,I,J,K,L,M,N,O,P,Q,T,W
Time and room to be arranged.

MUSP819 Interpretation and Repertoire 2 or 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F,
G,H,I,J,K,L,M,N,O,P,Q,T,U,V,W
Time and room to be arranged.

MUSP620 Graduate Music Performance 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F,
G,H,I,J,K,L,M,N,O,P,Q,T,U,V,W
Time and room arranged.

MUSP719 Interpretation and Repertoire 2 or 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F,
G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSP815 Interpretation, Performance, and Pedagogy 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F,
G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSP816 Interpretation, Performance, and Pedagogy 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F,
G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSP817 Interpretation, Performance, and Pedagogy 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F,
G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

NRMT Natural Resources Management (Agriculture)

NRMT314 Biology and Management of Finfish; Grade 4 credits
(PermReq) Method: REG/P-F; Prerequisite: one year of Biology or zoology. Formerly AGRI 314.
0101 TuTh.....9:30am-10:20am (SYM 2303) Sieling, F
TuTh.....10:30am-12:30pm (SYM 2303) LAB

NRMT389 Internship: Internship in Natural 3 credits
(PermReq) Resources Management; Grade Method: S-F; Natural resources management majors only.
0101 Time and room to be arranged Gibson Jr., G

NRMT461 Urban Wildlife Management; Grade Method: 3 credits
REG;
0101 TuTh.....8:00am- 9:15am (SYM 0200) Adams, L

NRMT470 Natural Resources Management; Grade 4 credits
(PermReq) Method: REG/AUD; Senior standing. For NRMT majors only. Second semester juniors and seniors only.
0101 MW.....3:00pm- 4:15pm (SYM 0115) Gibson Jr., G

NRMT489 Field Experience; Grade Method: REG; 1-4 credits
(PermReq)
0101 Time and room to be arranged Gibson Jr., G

NRMT499 Special Problems; Grade Method: REG; 3 credits
(PermReq)
0101 Time and room to be arranged Gibson Jr., G

NUSC Nutritional Science (Agriculture)

NUSC460 Therapeutic Human Nutrition; Grade Method: 4 credits
(PermReq) REG/P-F/AUD; Prerequisite: NUTR 440 and NUTR 450. Also offered as NUTR 460.
0101 MWF.....1:00pm- 1:50pm (MMH 1304) Taylor, M
M.....2:00pm- 4:00pm (MMH 3418) LAB
0102 MWF.....1:00pm- 1:50pm (MMH 1304) STAFF
W.....2:00pm- 4:00pm (MMH 3418) LAB

NUSC612 Energy Nutrition; Grade Method: REG/AUD; 2 credits
Prerequisites: ANSC 402 or NUSC 450; and BCHM 461. Also offered as ANSC 612.
0101 TuTh.....10:00am-10:50am (CHE 2140) Erdman, R

NUSC699 Problems in Nutrition; Grade Method: 1-4 credits
(PermReq) REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

NUSC699C Problems in Nutrition: Radio Chemistry for 2 credits
Biologists; Grade Method: REG/AUD;
0101 MW.....9:00am-10:00am (CHE 2116) Kahl, S

NUSC799 Master's Thesis Research; Grade Method: 1-6 credits
REG; Individual Instruction course: contact department or instructor to obtain section number.

NUSC898 Colloquium in Nutrition; Grade Method: 1 credit
REG/AUD;
0101 Th.....3:30pm- 5:00pm (SYM 0200) Castonguay, T

NUSC899 Doctoral Dissertation Research; Grade 1-8 credits
Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

NUTR Nutrition (Human Ecology)

NUTR100 Elements of Nutrition; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement;
0101 MWF.....11:00am-11:50am (TYD 0130) Cook, P

NUTR200 Nutrition for Health Services; Grade 3 credits
Method: REG/P-F/AUD; Prerequisites: CHEM 104 or CHEM 233; and ZOOL 201 or ZOOL 202 or ZOOL 211. Section 0102 for HNFS department majors only.
0101 TuTh.....10:00am-10:50am (MMH 3418) Prather, M
Tu.....1:00pm- 3:00pm (ARM 0101) LAB
0102 TuTh.....10:00am-10:50am (MMH 3418) Prather, M
W.....2:00pm- 4:00pm (ARM 0101) LAB
0103 TuTh.....10:00am-10:50am (MMH 3418) Prather, M
Th.....1:00pm- 3:00pm (ARM 0101) LAB

NUTR315 Maternal, Infant and Child Nutrition; 3 credits
Grade Method: REG/P-F/AUD; Prerequisite: NUTR 100 or NUTR 200.
0101 MWF.....11:00am-11:50am (ARM 0119) Williams, E

NUTR335 History of Nutrition; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: course in basic nutrition.
0101 MWF.....9:00am- 9:50am (JMZ 0220) Ahrens, R

NUTR440 Advanced Human Nutrition I; Grade Method: 4 credits
(PermReq) REG/P-F/AUD; Prerequisites: (NUTR 330; and ZOOL 202; and NUTR 100 or NUTR 200) or permission of department.
0101 MWF.....1:00pm- 1:50pm (MMH 3418) Williams, E
Tu.....1:00pm- 4:00pm (MMH 3419) LAB
0102 MWF.....1:00pm- 1:50pm (MMH 3418) Williams, E
Th.....2:00pm- 5:00pm (MMH 3419) LAB

NUTR460 Therapeutic Human Nutrition; Grade Method: 4 credits
(PermReq) REG/P-F/AUD; Prerequisites: NUTR 440 and NUTR 450. Also offered as NUSC 460.
0101 MWF.....1:00pm- 1:50pm (MMH 1304) Taylor, M
M.....2:00pm- 4:00pm (MMH 3418) LAB
0102 MWF.....1:00pm- 1:50pm (MMH 1304) Taylor, M
W.....2:00pm- 4:00pm (MMH 3418) LAB

NUTR468 Practicum in Nutrition; Grade Method: S-F; 1-3 credits
(PermReq)
0101 Time and room to be arranged Williams, E

NUTR475 Dynamics of Community Nutrition; Grade 3 credits
Method: REG/P-F/AUD; Prerequisite: NUTR 470 or permission of department. Course taught spring semesters only.
0101 MWF.....10:00am-10:50am (MMH 3418) Jackson, R

NUTR490 Special Problems in Nutrition; Grade 2-3 credits
(PermReq) Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: NUTR 440 and permission of department.

NUTR498R Selected Topics: Individual Study; Grade 1-3 credits
(PermReq) Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

NUTR498L Selected Topics: Computer Applications in 1 credit
(PermReq) HNFS; Grade Method: REG/P-F/AUD; Open to HNFS majors only.
0101 W.....2:00pm- 5:00pm (MMH 1314) STAFF

NUTR645 Vitamin and Mineral Nutrition in Humans; 3 credits
Grade Method: REG/AUD; Prerequisite: NUTR 450 or equivalent. Course taught spring semesters only.
0101 MW.....4:00pm- 5:15pm (MMH 3418) Moser-Veillon,

NUTR660 Research Methods; Grade Method: REG/AUD; 3 credits
Prerequisite: a statistics course.
0101 TuTh.....5:00pm- 6:15pm (MMH 3418) Castonguay, T

NUTR675 Advanced Clinical Dietetics; Grade Method: 3 credits
REG/AUD; Prerequisite: permission of department. Open only to Walter Reed Army Dietetic Interns.
0101 Meets 03/26/90 - 05/14/90 Patterson, R
Time and room to be arranged

NUTR678A Selected Topics in Nutrition: Individual 1-6 credits
(PermReq) Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

NUTR678P Selected Topics in Nutrition: Practicum in 3 credits
(PermReq) Nutrition; Grade Method: REG;
0101 Time and room to be arranged Williams, E

NUTR688 Seminar in Nutrition; Grade Method: 1 credit
REG/AUD;
0101 Tu.....4:00pm- 4:50pm (MMH 3418) Norton, V

NUTR699 Problems in Nutrition; Grade Method: 1-4 credits
(PermReq) REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

NUTR789 Non-Thesis Research; Grade Method: S-F; 1-3 credits
Individual Instruction course: contact department or instructor to obtain section number.

NUTR799 Master's Thesis Research; Grade Method: 1-6 credits
REG; Individual Instruction course: contact department or instructor to obtain section number.

NUTR888 Doctoral Seminar; Grade Method: REG/AUD; 1 credit
0101 F.....2:00pm- 4:00pm (MMH 0108) Read, M

NUTR899 Doctoral Dissertation Research; Grade 1-8 credits
Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

PCOM Public Communication (Arts and Humanities)

PCOM701 Quantitative Methods in Public 3 credits
(PermReq) Communication Research; Grade Method: REG/AUD; Prerequisite: PCOM 700.
0101 W.....7:00pm- 9:45pm (TWS 2228) Aylward, T

PCOM702 Intermediate Quantitative Data Analysis in 3 credits
(PermReq) Public Communication Research: The General Linear Model; Grade Method: REG/AUD; Prerequisite: PCOM 700 and permission of instructor.
0101 Tu.....7:00pm-10:00pm (TWS 2212) Fink, E

PCOM711 Qualitative Research Methods in Public 3 credits
Communication Research; Grade Method: REG/AUD; Prerequisite: PCOM 700. Course taught by R. Kolker and M. Solomon.
0101 M.....4:00pm- 6:45pm (TWS 0135) Solomon, M

PCOM888 Doctoral Practicum in Public 3-9 credits
(PermReq) Communication; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

PCOM889 Doctoral Tutorial in Public Communication; 3-8 credits
(PermReq) Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

PCOM899 Doctoral Dissertation Research; Grade 1-8 credits
Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

PERH Physical Education, Recreation, and Health (Phys Ed, Recr, & Health)

PERH386 Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
(PermReq) Contact the Center on Aging.
0101 Time and room to be arranged Pollack, S
0201 Time and room to be arranged Hyde, D

PERH387 Field Work Analysis; Grade Method: 1-3 credits
(PermReq) REG/P-F/AUD; Contact the Center on Aging.
0101 MW.....1:00pm- 3:00pm (Arranged) Pollack, S
0201 MW.....1:00pm- 3:00pm (Arranged) Hyde, D

PERH488 Children's Health and Development Clinic; 1 credit
Grade Method: REG/P-F/AUD; Check with instructor for opening date.
0101 Sa.....8:30am-12:30pm (PRH 0103) Hahn, P

PERH688 Field Work in Aging; Grade Method: 1-6 credits
(PermReq) REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

PHED Physical Education (Phys Ed, Recr, & Health)

Physical education activities - men (courses numbered 100 - 114) (also available - coed courses 130 - 177)

PHED100N Physical Education Activities: Men: 1 credit
Basketball (Beginning); Grade Method: REG/P-F; Meets first eight weeks of term only. Schedule Adjustment Period is 1/22-1/26.
0001 Meets 01/22/90 - 03/16/90 STAFF
MW.....3:00pm- 5:00pm (PRH 2240) LAB

PHED1000 Physical Education Activities: Men: 2 credits
Basketball (Intermediate); Grade Method: REG/P-F;
0001 MW.....10:00am-12:00pm (ARM 1122) LAB STAFF

PHED110N Physical Education Activities: Men: 2 credits
Wrestling (Beginning); Grade Method: REG/P-F;
0001 MW.....12:00pm- 2:00pm (COL B0101) LAB STAFF

Physical education activities - coed (courses numbered 130 - 177)

PHED130N Physical Education Activities: Coed: 1 credit
Archery (Beginning); Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/26-3/30.
0001 Meets 03/26/90 - 05/14/90 STAFF
MW.....8:00am-10:00am (PRH 2240) LAB
0002 Meets 03/26/90 - 05/14/90 STAFF
MW.....10:00am-12:00pm (PRH 2240) LAB

PHED131N Physical Education Activities: Coed: 2 credits
Backpacking; Grade Method: REG/P-F;
0001 Tu.....2:00pm- 6:00pm (PRH 1101) LAB STAFF

PHED131V Physical Education Activities: Coed: 2 credits
Jogging; Grade Method: REG/P-F;
0001 MW.....9:00am-11:00am (PRH 0107) LAB STAFF
0002 TuTh.....3:00pm- 5:00pm (PRH 2240) LAB STAFF
0003 TuTh.....10:00am-12:00pm (PRH 2240) LAB STAFF
0004 TuTh.....1:00pm- 3:00pm (PRH 0102) LAB STAFF

PHED131Z Physical Education Activities: Coed: 1 credit
Softball; Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/26- 3/30.
0001 Meets 03/26/90 - 05/14/90 STAFF
MW.....12:00pm- 2:00pm (PRH 2240) LAB
0002 Meets 03/26/90 - 05/14/90 STAFF
TuTh.....10:00am-12:00pm (PRH 2101) LAB
0003 Meets 03/26/90 - 05/14/90 STAFF
TuTh.....12:00pm- 2:00pm (PRH 2240) LAB

PHED133N Physical Education Activities: Coed: 1 credit
Boating, Canoeing (Beginning); Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/26 - 3/30.
0001 Meets 03/26/90 - 05/14/90 STAFF
MW.....2:00pm- 4:00pm (COL 1100D) LAB

PHED134N Physical Education Activities: Coed: 2 credits
Bowling (Beginning); Grade Method: REG/P-F; Students must pay a $10.00 facility fee. (Bowling shoes required. Shoes may be rented for $.50 per session.)
0001 MW.....8:00am-10:00am (SSU B0100) LAB STAFF
0002 TuTh.....8:00am-10:00am (SSU B0100) LAB STAFF
0003 MW.....2:00pm- 4:00pm (SSU B0100) LAB STAFF
0004 TuTh.....12:00pm- 2:00pm (SSU B0100) LAB STAFF
0005 TuTh.....2:00pm- 4:00pm (SSU B0100) LAB STAFF

PHED134O Physical Education Activities: Coed: 2 credits
Bowling (Intermediate); Grade Method: REG/P-F; Students must pay a $10.00 facility fee. (Bowling shoes required. Shoes may be rented for $.50 per session.)
0001 TuTh.....10:00am-12:00pm (SSU B0100) LAB STAFF
0002 MW.....12:00pm- 2:00pm (SSU B0100) LAB STAFF

PHED134P Physical Education Activities: Coed: 2 credits
Bowling (Advanced); Grade Method: REG/P-F; Students must pay a $10.00 facility fee. (Bowling shoes required. Shoes may be rented for $0.50 per session.)
0001 MW.....10:00am-12:00pm (SSU B0100) LAB STAFF

PHED135P Physical Education Activities: Coed: Dance 1 credit
Social; Grade Method: REG/P-F;
0001 TuTh.....12:00pm- 1:15pm (PRH 0107) LAB STAFF

PHED136N Physical Education Activities: Coed: 1 credit
Fencing (Beginning); Grade Method: REG/P-F; Meets first eight weeks of term only. Schedule Adjustment Period is 1/22 - 1/26.
0001 Meets 01/22/90 - 03/16/90 STAFF
MW.....2:00pm- 4:00pm (PRH 0107) LAB
0002 Meets 01/22/90 - 03/16/90 STAFF
TuTh.....10:00am-12:00pm (PRH 0107) LAB

PHED137N Physical Education Activities: Coed: Golf 1 credit
(Beginning); Grade Method: REG/P-F; Meets second eight weeks of term only. Meets in golf range classroom. Schedule Adjustment Period is 3/26 - 3/30.
0001 Meets 03/26/90 - 05/14/90 STAFF
MW.....8:00am-10:00am (GLF 1102) LAB
0002 Meets 03/26/90 - 05/14/90 STAFF
TuTh.....10:00am-12:00pm (GLF 1102) LAB
0003 Meets 03/26/90 - 05/14/90 STAFF
MW.....12:00pm- 2:00pm (GLF 1102) LAB
0004 Meets 03/26/90 - 05/14/90 STAFF
TuTh.....8:00am-10:00am (GLF 1102) LAB
0005 Meets 03/26/90 - 05/14/90 STAFF
TuTh.....1:00pm- 3:00pm (GLF 1102) LAB

PHED1370 Physical Education Activities: Coed: Golf 1 credit
(Intermediate); Grade Method: REG/P-F; Meets second eight weeks of term only. Meets in golf classroom. Schedule Adjustment Period is 3/26 - 3/30.
0001 Meets 03/26/90 - 05/14/90 STAFF
MW.....10:00am-12:00pm (GLF 1102) LAB

PHED140N Physical Education Activities: Coed: 1 credit
Tumbling and Floor Exercise; Grade Method: REG/P-F; Meets first eight weeks of term only. Schedule Adjustment Period is 1/22-1/26.
0001 Meets 01/22/90 - 03/16/90 STAFF
MW.....10:00am-12:00pm (PRH 1120) LAB

PHED140S Physical Education Activities: Coed: 2 credits
Gymnastics, Trampoline (Beginning); Grade Method: REG/P-F;
0001 MW.....12:00pm- 2:00pm (PRH 1120) LAB STAFF

PHED140W Physical Education Activities: Coed: 2 credits
Gymnastics, Tumbling and Balancing (Intermediate); Grade Method: REG/P-F;
0001 TuTh.....10:00am-12:00pm (PRH 1120) LAB STAFF

PHED140Z Physical Education Activities: Coed: 2 credits
Gymnastics, Apparatus (Intermediate); Grade Method: REG/P-F;
0001 MW.....10:00am-12:00pm (PRH 1120) LAB STAFF

PHED144Q Physical Education Activities: Coed: 2 credits
Martial Arts, Karate (Beginning); Grade Method: REG/P-F;
0001 TuTh.....8:00am-10:00am (PRH 0107) LAB STAFF
0002 MW.....12:00pm- 2:00pm (PRH 0107) LAB STAFF
0003 TuTh.....1:00pm- 3:00pm (PRH 0107) LAB STAFF

PHED144R Physical Education Activities: Coed: 2 credits
Martial Arts, Karate (Intermediate); Grade Method: REG/P-F;
0001 MW.....10:00am-12:00pm (PRH 0107) LAB STAFF

PHED144T Physical Education Activities: Coed: 2 credits
Martial Arts, Self Defense; Grade Method: REG/P-F;
0001 TuTh.....7:00pm- 9:00pm (PRH 0107) LAB STAFF
0002 TuTh.....3:00pm- 5:00pm (PRH 0107) LAB STAFF

PHED146N Physical Education Activities: Coed: 1 credit
Racquetball (Beginning); Grade Method: REG/P-F;
0001 MWF.....8:00am- 8:50am (PRH 0222) LAB STAFF
0002 MWF.....11:00am-11:50am (PRH 0222) LAB STAFF
0003 MWF.....1:00pm- 1:50pm (PRH 0222) LAB STAFF
0004 TuTh.....8:00am- 9:15am (PRH 0222) LAB STAFF
0005 TuTh.....9:00am-10:15am (PRH 0222) LAB STAFF
0006 TuTh.....1:00pm- 2:15pm (PRH 0222) LAB STAFF
0007 TuTh.....2:00pm- 3:15pm (PRH 0222) LAB STAFF
0008 TuTh.....3:00pm- 4:15pm (PRH 0222) LAB STAFF
0009 MWF.....10:00am-10:50am (PRH 0222) LAB STAFF
0010 MWF.....9:00am- 9:50am (PRH 0222) LAB STAFF

PHED146O Physical Education Activities: Coed: 1 credit
Racquetball (Intermediate); Grade Method: REG/P-F;
0001 MWF.....3:00pm- 3:50pm (PRH 0222) LAB STAFF
0002 TuTh.....10:00am-11:15am (PRH 0222) LAB STAFF
0003 TuTh.....11:00am-12:15pm (PRH 0222) LAB STAFF
0004 MWF.....2:00pm- 2:50pm (PRH 0222) LAB STAFF

PHED147N Physical Education Activities: Coed: Scuba 2 credits
(Beginning); Grade Method: REG/P-F; Students must obtain departmental permission once classes begin.

0001 MWF.....8:00am- 8:50am (COL 0102) Landers Jr., R
MWF.....8:00am- 8:50am (COL 1206) LAB
0002 TuTh.....8:00am- 9:15am (COL 0102) Landers Jr., R
TuTh.....8:00am- 9:15am (COL 1206) LAB
0003 TuTh.....2:00pm- 3:15pm (COL 0102) Landers Jr., R
TuTh.....2:00pm- 3:15pm (COL 1206) LAB

PHED150N Physical Education Activities: Coed: Skating Ice (Beginning); Grade Method: REG/P-F; Meets first eight weeks of term only. Students must provide own transportation and pay $10.00 facility/equipment fee. Schedule Adjustment Period is 1/22-1/26. — 1 credit
0001 Meets 01/22/90 - 03/16/90 STAFF
MW.....9:00am-11:00am (COL 1100E) LAB

PHED150O Physical Education Activities: Coed: Intermediate Ice Skating; Grade Method: REG/P-F; Meets first eight weeks of term only. Students must provide own transportation and pay $10.00 facility/equipment fee. Schedule Adjustment Period is 1/22-1/26. — 1 credit
0001 Meets 01/22/90 - 03/16/90 Salitsky, P
MW.....9:00am-11:00am (COL 1100E)

PHED152N Physical Education Activities: Coed: Soccer (Beginning); Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/26 - 3/30. — 1 credit
0001 Meets 03/26/90 - 05/14/90 STAFF
MW.....2:00pm- 4:00pm (PRH 2101) LAB

PHED152O Physical Education Activities: Coed: Soccer (Intermediate); Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/26 - 3/30. — 1 credit
0001 Meets 03/26/90 - 05/14/90 STAFF
TuTh.....10:00am-12:00pm (PRH 2101) LAB

PHED154N Physical Education Activities: Coed: Swimming (Beginning); Grade Method: REG/P-F; — 1 credit
0001 MWF.....12:00pm-12:50pm (PKT 1112) LAB STAFF
0002 TuTh.....9:00am-10:15am (COL 1206) LAB STAFF
0003 MWF.....10:00am-10:50am (COL 1206) LAB STAFF

PHED154O Physical Education Activities: Coed: Swimming (Intermediate); Grade Method: REG/P-F; — 1 credit
0001 MWF.....1:00pm- 1:50pm (COL 1206) LAB STAFF
0002 MWF.....9:00am- 9:50am (COL 1206) LAB STAFF

PHED154P Physical Education Activities: Coed: Swimming (Advanced); Grade Method: REG/P-F; — 2 credits
0001 TuTh.....1:00pm- 3:00pm (PKT 1112) LAB STAFF

PHED154T Physical Education Activities: Coed: Swimming, Fitness (Beginning); Grade Method: REG/P-F; — 1 credit
0001 TuTh.....3:00pm- 4:15pm (PKT 1112) LAB STAFF

PHED154U Physical Education Activities: Coed: Swimming, Fitness (Intermediate); Grade Method: REG/P-F; — 1 credit
0001 TuTh.....12:00pm- 1:15pm (PKT 1112) LAB STAFF

PHED154V Physical Education Activities: Coed: Swimming, Fitness (Advanced); Grade Method: REG/P-F; — 1 credit
0001 MW.....1:00pm- 3:00pm (PKT 1112) LAB STAFF

PHED154W Physical Education Activities: Coed: Swimming/Lifeguard Training Instructor; Grade Method: REG/P-F; Advanced swimming ability is a prerequisite to this course. — 2 credits
0001 MW.....8:00am-10:00am (PKT 1112) LAB STAFF
0002 TuTh.....9:00am-11:00am (PKT 1112) LAB STAFF

PHED154Y Physical Education Activities: Coed: Swimming, Water Safety Instruction; Grade Method: REG/P-F; Current advanced life saving or lifeguard training certification is a prerequisite to this course. — 2 credits
0001 TuTh.....10:00am-12:00pm (COL 1206) LAB STAFF
0002 MW.....10:00am-12:00pm (PKT 1112) LAB STAFF

PHED154Z Physical Education Activities: Coed: Water Polo; Grade Method: REG/P-F; — 1 credit
0001 TuTh.....1:00pm- 2:15pm (COL 1206) LAB STAFF

PHED155N Physical Education Activities: Coed: Tennis (Beginning); Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/26 - 3/30. — 1 credit
0001 Meets 03/26/90 - 05/14/90 STAFF
MW.....8:00am-10:00am (COL 1100F) LAB
0002 Meets 03/26/90 - 05/14/90 STAFF
MW.....10:00am-12:00pm (COL 1100F) LAB
0003 Meets 03/26/90 - 05/14/90 STAFF
MW.....1:00pm- 3:00pm (PRH 2240) LAB
0004 Meets 03/26/90 - 05/14/90 STAFF
MW.....1:00pm- 3:00pm (PRH 2240) LAB
0005 Meets 03/26/90 - 05/14/90 STAFF
TuTh.....8:00am-10:00am (COL 1100F) LAB
0006 Meets 03/26/90 - 05/14/90 STAFF
TuTh.....10:00am-12:00pm (COL 1100F) LAB
0007 Meets 03/26/90 - 05/14/90 STAFF
MW.....3:00pm- 5:00pm (PRH 2240) LAB
0008 Meets 03/26/90 - 05/14/90 STAFF
TuTh.....1:00pm- 3:00pm (COL 1100F) LAB

PHED155O Physical Education Activities: Coed: Tennis (Intermediate); Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/26 - 3/30. — 1 credit
0001 Meets 03/26/90 - 05/14/90 STAFF
MW.....3:00pm- 5:00pm (PRH 2101) LAB
0002 Meets 03/26/90 - 05/14/90 STAFF
MW.....10:00am-12:00pm (PRH 2101) LAB
0003 Meets 03/26/90 - 05/14/90 STAFF
TuTh.....10:00am-12:00pm (PRH 2240) LAB
0004 Meets 03/26/90 - 05/14/90 STAFF
MW.....1:00pm- 3:00pm (PRH 2101) LAB
0005 Meets 03/26/90 - 05/14/90 STAFF
TuTh.....1:00pm- 3:00pm (PRH 2240) LAB

PHED155P Physical Education Activities: Coed: Tennis (Advanced); Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/26 - 3/30. — 1 credit
0001 Meets 03/26/90 - 05/14/90 STAFF
TuTh.....1:00pm- 3:00pm (PRH 2101) LAB

PHED157N Physical Education Activities: Coed: Weight Training (Beginning); Grade Method: REG/P-F; — 1 credit
0001 MWF.....8:00am- 8:50am (PRH 0103) LAB STAFF
0002 MWF.....1:00pm- 1:50pm (PRH 0103) LAB STAFF
0003 MWF.....10:00am-10:50am (PRH 0103) LAB STAFF
0004 MWF.....11:00am-11:50am (PRH 0103) LAB STAFF
0005 MWF.....3:00pm- 3:50pm (PRH 0103) LAB STAFF
0006 MWF.....4:00pm- 4:50pm (PRH 0103) LAB STAFF
0007 TuTh.....8:00am- 9:15am (PRH 0103) LAB STAFF
0008 TuTh.....9:00am-10:15am (PRH 0103) LAB STAFF
0009 TuTh.....10:00am-11:15am (PRH 0103) LAB STAFF
0010 TuTh.....11:00am-12:15pm (PRH 0103) LAB STAFF
0011 TuTh.....4:00pm- 5:15pm (PRH 0103) LAB STAFF
0012 TuTh.....2:00pm- 3:15pm (PRH 0103) LAB STAFF

PHED157O Physical Education Activities: Coed: Weight Training (Intermediate); Grade Method: REG/P-F; — 1 credit
0001 MWF.....12:00pm-12:50pm (PRH 0103) LAB STAFF
0002 TuTh.....12:00pm- 1:15pm (PRH 0103) LAB STAFF
0003 TuTh.....3:00pm- 4:15pm (PRH 0103) LAB STAFF
0004 MWF.....2:00pm- 2:50pm (PRH 0103) LAB STAFF
0005 TuTh.....5:00pm- 5:50pm (PRH 0103) LAB STAFF

PHED157Q Physical Education Activities: Coed: Body Building; Grade Method: REG/P-F; — 1 credit
0001 TuTh.....1:00pm- 2:15pm (PRH 0103) STAFF

PHED160N Physical Education Activities: Coed: Volleyball (Beginning); Grade Method: REG/P-F; Meets first eight weeks of term only. Schedule Adjustment Period is 1/22-1/26. — 1 credit
0001 Meets 01/22/90 - 03/16/90 STAFF
MW.....1:00pm- 3:00pm (PRH 2101) LAB

PHED160O Physical Education Activities: Coed: Volleyball (Intermediate); Grade Method: REG/P-F; Meets first eight weeks of term only. Schedule Adjustment Period is 1/22 - 1/26. — 1 credit
0001 Meets 01/22/90 - 03/16/90 STAFF
TuTh.....1:00pm- 3:00pm (PRH 2101) LAB
0002 Meets 01/22/90 - 03/16/90 STAFF
MW.....10:00am-12:00pm (PRH 2101) LAB

PHED160P Physical Education Activities: Coed: — 2 credits
Advanced Volleyball; Grade Method: REG/P-F;
0001 TuTh.....3:00pm- 5:00pm (PRH 2101) LAB STAFF
0002 MW.....3:00pm- 5:00pm (PRH 2101) LAB STAFF

PHED161N Physical Education Activities: Coed: Conditioning (Beg); Grade Method: REG/P-F; — 2 credits
0001 MW.....10:00am-12:00pm (COL 0108) LAB STAFF
0002 MW.....12:00pm- 2:00pm (COL 0108) LAB STAFF
0003 TuTh.....12:00pm- 2:00pm (COL 0108) LAB STAFF
0004 TuTh.....1:00pm- 3:00pm (PRH 2240) LAB STAFF

PHED161Q Physical Education Activities: Coed: Conditioning - (Aerobic Dance); Grade Method: REG/P-F; — 2 credits
0001 TuTh.....11:00am- 1:00pm (PRH 0102) LAB STAFF
0002 TuTh.....10:00am-12:00pm (COL 0108) LAB STAFF
0003 MW.....3:00pm- 5:00pm (PRH 0102) LAB STAFF
0004 MW.....9:00am-11:00am (PRH 0102) LAB STAFF
0005 TuTh.....1:00pm- 3:00pm (PRH 0102) LAB STAFF
0006 TuTh.....7:00pm- 9:00pm (PRH 0102) LAB STAFF
0007 MW.....1:00pm- 3:00pm (PRH 0102) LAB STAFF

PHED161S Physical Education Activities: Coed: Conditioning (Aerobic Dance - Intermediate); Grade Method: REG/P-F; — 2 credits
0001 MW.....1:00pm- 3:00pm (PRH 2240) LAB STAFF
0002 MW.....11:00am- 1:00pm (PRH 0102) LAB STAFF
0003 TuTh.....3:00pm- 5:00pm (PRH 0102) LAB STAFF

PHED161U Physical Education Activities: Coed: Conditioning (Aerobic Dance-Advanced); Grade Method: REG/P-F; — 2 credits
0001 TuTh.....9:00am-11:00am (PRH 0102) LAB STAFF

PHED180 Foundations of Physical Education; Grade Method: REG; — 3 credits
0101 TuTh.....11:00am-12:15pm (PRH 1301) STAFF

PHED183 Movement Content for Elementary School Children; Grade Method: REG; — 3 credits
0101 TuTh.....8:00am-10:00am (PRH 0305) STAFF
TuTh.....8:00am-10:00am (PRH 2240) LAB

PHED200 Gymnastics Skills Laboratory; Grade Method: REG/P-F; — 2 credits
0101 TuTh.....1:00pm- 3:00pm (PRH 1120) Murray, J

PHED204 Basketball Skills Laboratory; Grade Method: REG/P-F; Students must obtain departmental permission once classes begin. Meets first eight weeks of term only. Schedule Adjustment Period is 1/22 - 1/26. — 1 credit
0101 Meets 01/22/90 - 03/16/90 STAFF
MW.....10:00am-12:00pm (PRH 2240) LAB

PHED210 Field Games Skills Laboratory; Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/26 - 3/30. — 1 credit
0101 Meets 03/26/90 - 05/14/90 STAFF
MW.....10:00am-12:00pm (PRH 2240) LAB

PHED217 Tennis Skills Laboratory; Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/26 - 3/30. — 1 credit
0101 Meets 03/26/90 - 05/14/90 STAFF
TuTh.....10:00am-12:00pm (PRH 2101) LAB

PHED218 (PermReq) Laboratory in Teaching; Grade Method: REG/P-F; First class meeting - PRH 2351. — 1 credit
0101 Time and room to be arranged LAB STAFF

PHED221 Volleyball Skills Laboratory; Grade Method: REG/P-F; Meets first eight weeks of term only. Students must obtain departmental permission once classes begin. Schedule Adjustment Period is 1/22 - 1/26. — 1 credit
0101 Meets 01/22/90 - 03/16/90 STAFF
TuTh.....10:00am-12:00pm (PRH 2101) LAB

PHED222 Weight Training Skills Laboratory; Grade Method: REG/P-F; — 1 credit
0101 MW.....9:00am- 9:50am (PRH 1302) Salke Jr., R
MWF.....9:00am- 9:50am (PRH 0103) LAB

PHED224 Aerobics Skills Laboratory; Grade Method: REG/P-F; — 1 credit
0101 MWF.....8:00am- 8:50am (PRH 1303) STAFF
MWF.....8:00am- 8:50am (PRH 1120) LAB

PHED250 Advanced Volleyball Skills Laboratory; Grade Method: REG/P-F; Prerequisite: PHED 221. — 2 credits
0101 TuTh.....3:00pm- 5:00pm (PRH 2101) Drum, B

PHED261 Development of Endurance and Strength Fitness; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (PRH 0305) Mazel, S
MWF.....9:00am- 9:50am (PRH 0305) LAB

PHED287 Sport and American Society; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 TuTh.....9:30am-10:45am (PRH 1303) Vander Velden,
0201 TuTh.....11:00am-12:15pm (PRH 1303) Vander Velden,

PHED289 (PermReq) Topical Investigations; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHED293 History of Sport in America; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Section 0101 is recommended for majors. — 3 credits
0101 TuTh.....9:30am-10:45am (PRH 1312) Zang, D

PHED300 Kinesiology; Grade Method: REG/P-F/AUD; Prerequisites: ZOOL 201; and ZOOL 202. — 4 credits
0101 TuTh.....1:00pm- 4:00pm (PRH 0302) Kelley, D
0201 TuTh.....9:30am-10:45am (PRH 1302) Phillips, S
Tu.....11:00am-12:30pm (PRH 1302) LAB
0202 TuTh.....9:30am-10:45am (PRH 1302) Phillips, S
Th.....11:00am-12:30pm (PRH 1302) LAB

PHED333 Physical Activity for the Handicapped; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....8:00am- 9:30am (PRH 0303) Block, M

PHED335 Swimming Pool Management; Grade Method: REG/P-F/AUD; — 2 credits
0101 TuTh.....9:00am- 9:50am (COL 0100) LAB STAFF

PHED340 Theory of Coaching Athletics; Grade Method: REG/P-F/AUD; — 2 credits
0101 MW.....9:00am- 9:50am (PRH 1301) Drum, B

PHED344 Theory of Coaching Swimming; Grade Method: REG/P-F/AUD; — 2 credits
0101 TuTh.....10:00am-10:50am (COL 0104) Wenhold, J

PHED345 Theory of Coaching Track and Field; Grade Method: REG/P-F/AUD; — 2 credits
0101 TuTh.....9:00am- 9:50am (COL 0104) Costello, F

PHED350 The Psychology of Sports; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 W.....4:00pm- 6:30pm (PRH 1301) Steel, D
0201 TuTh.....8:00am- 9:15am (PRH 1312) Hatfield, B
0301 TuTh.....2:00pm- 3:15pm (PRH 1302) Brown, E

PHED351 Contemporary Issues in American Sport; Grade Method: REG/P-F/AUD; Prerequisite: PHED 287. — 3 credits
0101 TuTh.....2:00pm- 3:30pm (PRH 0308) Vander Velden,

PHED360 Physiology of Exercise; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisites: [ZOOL 201; and ZOOL 202]; or permission of department. — 3 credits
0101 TuTh.....10:00am-12:00pm (PRH 2132) Vaccaro, P
0201 TuTh.....1:00pm- 3:00pm (PRH 2132) Ryder, M

PHED361 Weight Control Through Diet and Exercise; Grade Method: REG/P-F/AUD; Lecture and laboratory. — 3 credits
0101 MWF.....9:00am- 9:50am (COL 0100) Salke Jr., R
MWF.....9:00am- 9:50am (COL 0102) LAB

PHED362 Philosophy of Sport; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Recommended for majors only. — 3 credits
0101 MWF.....10:00am-10:50am (PRH 1301) Hult, J

PHED370 Motor Development; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:30pm (PRH 1312) Block, M
Tu.....12:00pm- 1:00pm (PRH 0307) LAB
0102 M.....7:00pm- 9:30pm (PRH 1312) Block, M
Tu.....1:00pm- 2:00pm (PRH 0307) LAB
0103 M.....7:00pm- 9:30pm (PRH 1312) Block, M
Th.....12:00pm- 1:00pm (PRH 0307) LAB
0104 M.....7:00pm- 9:30pm (PRH 1312) Block, M
M.....6:00pm- 7:00pm (PRH 0307) LAB

PHED381 Prevention and Care of Athletic Injuries; Grade Method: REG/P-F/AUD; Prerequisites: ZOOL 201; and ZOOL 202. — 3 credits
0101 MW.....8:00am- 8:50am (PRH 1302) Bush, J
F.....8:00am-10:00am (PRH 1302) LAB

PHED385 Motor Learning and Skilled Performance; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (PRH 1303) Tyler, R

PHED389 (PermReq) Topical Investigations; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor required. — 1-3 credits

PHED389B Topical Investigations: Black Sports in America; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (PRH 0303) Coates Jr., J

PHED390 Practicum in Teaching Physical Education; Grade Method: REG/P-F/AUD; Prerequisite: PHED 314. — 3 credits
0101 MW.....10:00am-12:00pm (PRH 0303) Arrighi, M

PHED455 Scientific Bases of Athletic Conditioning; Grade Method: REG/P-F/AUD; Prerequisite: PHED 360. — 3 credits
0101 W.....4:00pm- 6:30pm (PRH 1302) Hatfield, B

PHED461 Exercise and Body Composition; Grade Method: REG/P-F/AUD; Prerequisite: PHED 360. — 3 credits
0101 W.....4:00pm- 6:30pm (PRH 1303) Ryder, M

PHED480 Measurement in Physical Education; Grade Method: REG/P-F/AUD; Prerequisite: MATH 110. — 3 credits
0101 TuTh.....1:00pm- 3:00pm (PRH 0305) Steel, D

PHED481 Biophysical Aspects of Human Movement; Grade Method: REG/P-F/AUD; Prerequisites: PHED 300; and PHED 360; and PHED 370; and PHED 385. — 3 credits
0101 TuTh.....2:30pm- 4:00pm (PRH 0307) Phillips, S

PHED490 Administration of Physical Education and Sport; Grade Method: REG/P-F/AUD; Prerequisite: PHED 180 or PHED 287. — 3 credits
0101 M.....7:00pm- 9:30pm (PRH 1302) Scott, M

PHED492 History of the Sportswoman in American Organizations; Grade Method: REG/P-F/AUD; Prerequisite: PHED 293. — 3 credits
0101 MWF.....8:00am- 8:50am (PRH 0308) Hult, J

PHED493 History and Philosophy of Sport and Physical Education; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....8:00am- 8:50am (PRH 1301) Zang, D

PHED496 Quantitative Methods; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....4:00pm- 6:30pm (PRH 1303) Dotson, C

PHED497 Independent Studies Seminar; Grade Method: REG/P-F; For majors only. — 3 credits
0101 MWF.....8:00am- 9:50am (PRH 2132) Tyler, R

PHED498 (PermReq) Special Topics in Physical Education; Grade Method: REG/P-F; Time and room to be arranged — 3 credits
0101 Wrenn, J

PHED498G Special Topics in Physical Education: Mechanical Properties of Human Tissues; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 2:30pm (PRH 0301) Caldwell, G

PHED498S Special Topics in Physical Education: Sports Marketing; Grade Method: REG/P-F; — 3 credits
0101 Tu.....4:00pm- 6:30pm (PRH 0303) Zimmer, W

PHED600 (PermReq) Research Issues in Physical Education; Grade Method: REG; Time and room to be arranged — 1 credit
0101 Wrenn, J

PHED620 Analysis of Contemporary Athletics; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:30pm (PRH 0303) Gurney, G

PHED670 Biomechanics Theory; Grade Method: REG/AUD; Prerequisite: MATH 141 or MATH 221. — 3 credits
0101 Tu.....4:00pm- 6:30pm (PRH 2132) Caldwell, G

PHED689 (PermReq) Special Problems in Physical Education; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHED689B Special Problems in Physical Education: Sport Organization and Behavior Management; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:30pm (PRH 0301) Chalip, L

PHED689I Special Problems in Physical Education: Assessment in Sport Psychology; Grade Method: REG/AUD; — 3 credits
0101 M.....4:00pm- 6:30pm (PRH 0305) Steel, D

PHED689N Special Problems in Physical Education: Physical Education Curriculum Development-Secondary Level; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:30pm (PRH 0305) Ennis, C

PHED689R Special Problems in Physical Education: Contemporary Problems in Physical Education and Sports; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:30pm (PRH 0305) Scott, M

PHED693 Pulmonary Dynamics in Exercise Physiology; Grade Method: REG/AUD; Prerequisite: PHED 690. — 3 credits
0101 Tu.....4:00pm- 6:30pm (PRH 1302) Vaccaro, P

PHED694 Metabolic Aspects of Exercise Physiology; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:30pm (PRH 2132) Hurley, B

PHED789A Advanced Seminar: Statistics; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:30pm (PRH 1303) Dotson, C

PHED789L Advanced Seminar: Electromyographic Kinesiology; Grade Method: REG/AUD; — 3 credits
0101 W.....4:00pm- 6:30pm (PRH 2132) Kelley, D

PHED789W Advanced Seminar: Motor Development: Dynamical Systems; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:30pm (PRH 1302) Clark, J

PHED798A (PermReq) Internship in Physical Education/Sports Management: Sports Management; Grade Method: REG; Permission of instructor required. — 1-8 credits
0101 Time and room to be arranged Wrenn, J

PHED799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHED899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

PHIL Philosophy (Arts and Humanities)

Philosophy Department Handbook

All philosophy courses are described in detail (course content, textbooks, written assignments, etc.) in the Philosophy Department Handbook. Copies are available in Room 1131 of the Skinner Building.

PHIL100 Introduction to Philosophy; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits

0101	WF.....1:00pm- 1:50pm (ARM 0131)		Martin, R
	M.....1:00pm- 1:50pm (CSS 2352)	DIS	
0102	WF.....1:00pm- 1:50pm (ARM 0131)		Martin, R
	M.....9:00am- 9:50am (ZOP 1228)	DIS	
0103	WF.....1:00pm- 1:50pm (ARM 0131)		Martin, R
	M.....1:00pm- 1:50pm (CHM 0110)	DIS	
0104	WF.....1:00pm- 1:50pm (ARM 0131)		Martin, R
	M.....1:00pm- 1:50pm (CHM 0127)	DIS	
0105	WF.....1:00pm- 1:50pm (ARM 0131)		Martin, R
	M.....12:00pm-12:50pm (CHM 0110)	DIS	
0106	WF.....1:00pm- 1:50pm (ARM 0131)		Martin, R
	M.....9:00am- 9:50am (CSS 2352)	DIS	
0107	WF.....1:00pm- 1:50pm (ARM 0131)		Martin, R
	M.....11:00am-11:50am (CHE 2145)	DIS	
0108	WF.....1:00pm- 1:50pm (ARM 0131)		Martin, R
	M.....11:00am-11:50am (CHE 2140)	DIS	
0109	WF.....1:00pm- 1:50pm (ARM 0131)		Martin, R
	M.....2:00pm- 2:50pm (CSS 2330)	DIS	
0201	TuTh.....12:30pm- 1:45pm (CSS 2330)		Linden, T
0301	MWF.....9:00am- 9:50am (CHM 0124)		Jankovic, M

PHIL140 Contemporary Moral Issues; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits

0101	MWF.....9:00am- 9:50am (EGR 1126)	Sengupta, P
0201	MWF.....10:00am-10:50am (HBK 0115)	Strom, J
0301	TuTh.....9:30am-10:45am (CSS 2352)	Fyfe, R
0401	MWF.....11:00am-11:50am (CHM 0127)	Fleishman, S

A note about PHIL 170, PHIL 173, PHIL 174, and PHIL 271: PHIL 170 provides the student with a broad understanding of the field of logic, in both its traditional and its modern forms. PHIL 173 and 174 concentrate on applications, using logic to uncover the deductive structure of published material written in a diversity of literary styles. PHIL 271 enables the student to develop skill in using the techniques of modern symbolic logic, and an understanding of some of its underlying principles. All four courses attempt to develop in students a heightened sensitivity to logical form, logical fallacy, and the logical nuances of ordinary language.

PHIL170 Introduction to Logic; Grade Method: REG/P-F/AUD; — 3 credits

0101	MW.....12:00pm-12:50pm (CSS 2324)		MacCallum, D
	F.....1:00pm- 1:50pm (CHE 2145)	DIS	
0102	MW.....12:00pm-12:50pm (CSS 2324)		MacCallum, D
	F.....11:00am-11:50am (CSS 2352)	DIS	
0103	MW.....12:00pm-12:50pm (CSS 2324)		MacCallum, D
	F.....2:00pm- 2:50pm (CHM 0124)	DIS	
0201	MWF.....1:00pm- 1:50pm (CHE 2140)		Rebuck, R
0301	TuTh.....9:30am-10:45am (ZOP 1124)		Alves, S

PHIL173 Logic and the English Language I; Grade Method: REG; — 3 credits

0101	MWF.....10:00am-10:50am (CHM 0127)	Pasch, A

PHIL209B Philosophical Issues: Language and Mind; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....9:30am-10:45am (HBK 0123)	Hornstein, N

PHIL209S Philosophical Issues: Self and Identity; Grade Method: REG/P-F/AUD; — 3 credits

0101	WF.....2:00pm- 3:15pm (ZOP 1234)	Martin, R

PHIL250 Philosophy of Science I; Grade Method: REG/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Credit will be granted for only one of the following: HIST 174 or PHIL 250 or PHIL 350. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (HBK 1116)	Darden, L

PHIL271 Symbolic Logic I; Grade Method: REG/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Not open to students having credit in PHIL 371. — 3 credits

0101	MWF.....2:00pm- 2:50pm (CHM 2201)	Pasch, A

PHIL308B Studies in Contemporary Philosophy: Philosophy of Life; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: one course in philosophy. — 3 credits

0101	TuTh.....3:30pm- 4:45pm (CHM 0124)	Slote, M

PHIL310 Ancient Philosophy; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: six credits in philosophy or classics. — 3 credits

0101	MWF.....10:00am-10:50am (JMP 3105)	Celerier, J

PHIL320 Modern Philosophy; Grade Method: REG/AUD; Prerequisite: six credits in philosophy. — 3 credits

0101	TuTh.....11:00am-12:15pm (CHE 2138)	Taylor, K

PHIL326 Twentieth Century Analytic Philosophy; Grade Method: REG/P-F/AUD; Prerequisite: six credits in philosophy.. Recommended: PHIL 320. — 3 credits

0101	TuTh.....3:30pm- 4:45pm (CSS 2352)	Rey, G

PHIL328B Studies in the History of Philosophy: Marxist Philosophy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: one course in philosophy or a GVPT course in political theory or an ECON course in economic theory. — 3 credits

0101	MW.....12:00pm-12:50pm (CLB 0111)		Manukian, E
	F.....9:00am- 9:50am (CHE 2120)	DIS	
0102	MW.....12:00pm-12:50pm (CLB 0111)		Manukian, E
	F.....10:00am-10:50am (CHE 2120)	DIS	
0103	MW.....12:00pm-12:50pm (CLB 0111)		Manukian, E
	F.....1:00pm- 1:50pm (CLB 0102)	DIS	

PHIL331 Philosophy of Art; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Recommended: two courses in the arts or one course in philosophy. — 3 credits

0101	MWF.....11:00am-11:50am (JMP 3105)	Brown, J

PHIL332 Philosophy of Beauty; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisites: two courses in philosophy, literature, or the arts. — 3 credits

0101	MWF.....1:00pm- 1:50pm (JMP 3104)	Brown, J

PHIL334 Philosophy of Music; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: one course in philosophy or music. Students should have some familiarity with clasical music and with standard musical notation. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (CHM 0122)	Levinson, J

PHIL341 Introduction to Ethical Theory; Grade Method: REG/P-F/AUD; Not open to students who have completed PHIL 142. — 3 credits

0101	MW.....11:00am-12:15pm (HBK 1108)	Greenspan, P

PHIL360 Philosophy of Language; Grade Method: REG/P-F/AUD; Prerequisite: PHIL 170, PHIL 173, or PHIL 271. — 3 credits

0101	TuTh.....11:00am-12:15pm (CHM 0122)	Devitt, M

PHIL386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with PHIL 387. Consult Director of Undergraduate Studies: Pasch, A. Prerequisites: 12 credit hours of philosophy, 3.0 GPA. Carries no credit toward philosophy major. — 3 credits

PHIL387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with PHIL 386. Consult Director of Undergraduate Studies: Pasch, A. — 3 credits

PHIL408N Topics in Contemporary Philosophy: Philosophy of Neuroscience; Grade Method: REG/AUD; Prerequisite: PHIL 320 or permission of instructor. — 3 credits

0101	MW.....2:00pm- 3:15pm (JMP 3105)	Cherniak, C

PHIL428E Topics in the History of Philosophy: Ancient Ethics: Plato-Stoics; Grade Method: REG/P-F/AUD; Prerequisites: PHIL 310 and PHIL 320, or permission of instructor. Permission will be granted to those with credit for PHIL 310 or graduate standing. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (EGR 1108)	Slote, M

PHIL428S Topics in the History of Philosophy: Philosophy of Spinoza; Grade Method: REG/P-F/AUD; Prerequisites: PHIL 310 and PHIL 320 or consent of instructor. — 3 credits

0101	TuTh.....11:00am-12:15pm (JMZ 2117)	Manekin, C

PHIL441 History of Ethics: Hobbes to the Present; Grade Method: REG/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: one course in ethics. — 3 credits

0101	TuTh.....9:30am-10:45am (JMP 3105)	Johnson, C

PHIL447 Philosophy of Law; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: one course in philosophy. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (CSS 2330)	Johnson, C

PHIL451 Scientific Thought II; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: one course in philosophy or a major in science. — 3 credits

0101	TuTh.....11:00am-12:15pm (CSS 2352)	Wallace, W

PHIL452 Philosophy of Physics; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: three credits in philosophy or three credits in physics. — 3 credits

0101	TuTh.....11:00am-12:15pm (JMP 3105)	Bub, J

PHIL461 Theory of Meaning; Grade Method: REG/P-F/AUD; Prerequisite: six credits in philosophy. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (CSS 2352)	Taylor, K

PHIL478C Topics in Symbolic Logic: Computer Science for Cognitive Studies; Grade Method: REG/P-F/AUD; Prerequisite: PHIL 471 or consent of instructor. — 3 credits

0101	M.....3:30pm- 6:00pm (CSS 2330)	Horty, J

PHIL498C (PermReq) Topical Investigations; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHIL498D (PermReq) Topical Investigations; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHIL688D (PermReq) Selected Problems in Philosophy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHIL688E (PermReq) Selected Problems in Philosophy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHIL688S Selected Problems in Philosophy: Philosophical Problems of Space and Time; Grade Method: REG/AUD; — 3 credits

0201	Tu.....3:30pm- 6:00pm (CSS 2330)	Bub, J

PHIL788E (PermReq) Research in Philosophy: Research in Philosophy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHIL788F (PermReq) Research in Philosophy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHIL799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHIL808C Seminar in the Problems of Philosophy: Mental Representations; Grade Method: REG/AUD; — 3 credits

0101	Tu.....5:00pm- 7:30pm (CSS 0201)	Devitt, M

PHIL848 Seminar in Ethics: Moral Realism; Grade Method: REG/AUD; — 3 credits

0101	Time and room to be arranged	Greenspan, P

PHIL878 Proseminar in Cognitive Studies; Grade Method: REG/AUD; — 3 credits

0101	Time and room to be arranged	Rey, G

PHIL899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

PHYS Physics (Comp, Math, & Phys Sci)

PHYS102 Physics of Music; Grade Method: REG/P-F/AUD; Prerequisite: high school algebra. Credit not applicable towards the minimum requirements for a major in physics and astronomy. Meets USP Distributive Studies Non-lab Science and Mathematics requirement. If taken with PHYS 103, course may be counted as Lab Science requirement. Credit cannot be received for both PHYS 102 and PHYS 499C. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (PHY 1412)	Brill, D

PHYS103 Physics of Music Laboratory; Grade Method: REG/P-F/AUD; Pre- or corequisite: PHYS 102. Credit not applicable towards the minimum requirements for a major in physics and astronomy. Labs begin week of February 1. — 1 credit

0101	Th.....9:00am-10:50am (PHY 3213)	LAB	Bardasis, A
0201	Th.....12:00pm- 1:50pm (PHY 3213)	LAB	Bardasis, A
0301	Th.....3:30pm- 5:20pm (PHY 3213)	LAB	Bardasis, A
0401	F.....10:00am-11:50am (PHY 3213)	LAB	Bardasis, A
0501	F.....12:00pm- 1:50pm (PHY 3213)	LAB	Bardasis, A

PHYS106 Light, Perception, Photography, and Visual Phenomena; Grade Method: REG/P-F/AUD; Credit not applicable towards the minimum requirements for a major in physics and astronomy. Course meets University Studies Program Distributive Studies non-lab science and mathematics requirement. If taken with PHYS 107, course may be counted as lab science requirement. — 3 credits

0101	MWF.....2:00pm- 2:50pm (PHY 1412)	Berg, R

PHYS107 Light, Perception, Photography and Visual Phenomena Laboratory; Grade Method: REG/P-F/AUD; Pre- or corequisite: PHYS 106. Credit not applicable towards the minimum requirements for a major in physics and astronomy. — 1 credit

0101	M.....3:00pm- 4:50pm (PHY 3214)	LAB	Berg, R
0201	Tu.....9:00am-10:50am (PHY 3214)	LAB	Berg, R
0301	Tu.....11:00am-12:50pm (PHY 3214)	LAB	Berg, R
0401	Tu.....1:00pm- 2:50pm (PHY 3214)	LAB	Berg, R
0501	W.....11:00am-12:50pm (PHY 3214)	LAB	Berg, R
0601	W.....3:00pm- 4:50pm (PHY 3214)	LAB	Berg, R
0701	Th.....3:00pm- 4:50pm (PHY 3214)	LAB	Berg, R
0801	W.....9:00am-10:50am (PHY 3214)	LAB	Berg, R

PHYS112 Physics in the Modern World; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 3 credits

0101	MWF.....9:00am- 9:50am (PHY 0405)	Snow, G

PHYS117 Introduction to Physics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: qualification to enter MATH 110. — 4 credits

0101	MWF.....9:00am- 9:50am (PHY 1410)		Hamilton, D
	Tu.....11:00am-12:50pm (PHY 3316)	LAB	
0102	MWF.....9:00am- 9:50am (PHY 1410)		Hamilton, D
	W.....10:00am-11:50am (PHY 3316)	LAB	
0103	MWF.....9:00am- 9:50am (PHY 1410)		Hamilton, D
	W.....3:00pm- 4:50pm (PHY 3316)	LAB	
0104	MWF.....9:00am- 9:50am (PHY 1410)		Hamilton, D
	Tu.....1:00pm- 2:50pm (PHY 3316)	LAB	

PHYS121 Fundamentals of Physics I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: previous course work in trigonometry or MATH 115. Physics Clinic, PHY 1214, MTWHF 12,2. — 4 credits

0101	TuTh.....11:00am-12:15pm (PHY 1410)		Redish, E
	Th.....9:00am-10:50am (PHY 3306)	LAB	
	Th.....8:00am- 9:50am (PHY 0405)	DIS	
0102	TuTh.....11:00am-12:15pm (PHY 1410)		Redish, E
	Tu.....9:00am-10:50am (PHY 3306)	LAB	
	Tu.....8:00am- 8:50am (PHY 0405)	DIS	
0103	TuTh.....11:00am-12:15pm (PHY 1410)		Redish, E
	Th.....2:00pm- 3:50pm (PHY 3306)	LAB	
	Th.....1:00pm- 1:50pm (PHY 1219)	DIS	
0104	TuTh.....11:00am-12:15pm (PHY 1410)		Redish, E
	M.....1:00pm- 2:50pm (PHY 3306)	LAB	
	M.....12:00pm-12:50pm (PHY 4208)	DIS	
0105	TuTh.....11:00am-12:15pm (PHY 1410)		Redish, E
	W.....12:00pm- 1:50pm (PHY 3306)	LAB	
	W.....11:00am-11:50am (CHE 2118)	DIS	
0106	TuTh.....11:00am-12:15pm (PHY 1410)		Redish, E
	M.....9:00am-10:50am (PHY 3306)	LAB	
	M.....8:00am- 8:50am (PHY 1402)	DIS	
0201	MWF.....1:00pm- 1:50pm (PHY 1410)		Alley, C
	W.....10:00am-11:50am (PHY 3306)	LAB	
	W.....9:00am- 9:50am (PHY 4220)	DIS	
0202	MWF.....1:00pm- 1:50pm (PHY 1410)		Alley, C
	W.....3:00pm- 4:50pm (PHY 3306)	LAB	
	W.....2:00pm- 2:50pm (PHY 4220)	DIS	
0203	MWF.....1:00pm- 1:50pm (PHY 1410)		Alley, C
	M.....3:00pm- 4:50pm (PHY 3306)	LAB	
	M.....2:00pm- 2:50pm (PHY 1221)	DIS	
0204	MWF.....1:00pm- 1:50pm (PHY 1410)		Alley, C
	Tu.....3:00pm- 4:50pm (PHY 3306)	LAB	
	Tu.....2:00pm- 2:50pm (PHY 1219)	DIS	
0205	MWF.....1:00pm- 1:50pm (PHY 1410)		Alley, C
	Tu.....1:00pm- 2:50pm (PHY 3306)	LAB	
	Tu.....12:00pm-12:50pm (PHY 0405)	DIS	
0206	MWF.....1:00pm- 1:50pm (PHY 1410)		Alley, C
	Th.....12:00pm- 1:50pm (PHY 3306)	LAB	
	Th.....11:00am-11:50am (PHY 1221)	DIS	

PHYS122 Fundamentals of Physics II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: PHYS 121 or equivalent. Physics Clinic, PHY 1214, MTWHF 11,2. — 4 credits

0101	MWF.....10:00am-10:50am (PHY 1410)		Das Sarma, S
	M.....12:00pm- 1:50pm (PHY 3312)	LAB	
	M.....11:00am-11:50am (ZOP 1124)	DIS	
0102	MWF.....10:00am-10:50am (PHY 1410)		Das Sarma, S
	W.....12:00pm- 1:50pm (PHY 3312)	LAB	
	W.....11:00am-11:50am (ZOP 1124)	DIS	
0103	MWF.....10:00am-10:50am (PHY 1410)		Das Sarma, S
	Tu.....12:00pm- 1:50pm (PHY 3312)	LAB	
	Tu.....11:00am-11:50am (PHY 1221)	DIS	
0104	MWF.....10:00am-10:50am (PHY 1410)		Das Sarma, S
	Tu.....2:00pm- 3:50pm (PHY 3312)	LAB	
	Tu.....1:00pm- 1:50pm (PHY 1221)	DIS	
0105	MWF.....10:00am-10:50am (PHY 1410)		Das Sarma, S
	W.....3:00pm- 4:50pm (PHY 3312)	LAB	
	W.....2:00pm- 2:50pm (PHY 1221)	DIS	
0106	MWF.....10:00am-10:50am (PHY 1410)		Das Sarma, S
	Th.....10:00am-11:50am (PHY 3312)	LAB	
	Th.....9:00am- 9:50am (PHY 0405)	DIS	
0201	TuTh.....12:30pm- 1:45pm (PHY 1410)		Cohen, T
	Tu.....10:00am-11:50am (PHY 3312)	LAB	
	Tu.....9:00am- 9:50am (PHY 0405)	DIS	
0202	TuTh.....12:30pm- 1:45pm (PHY 1410)		Cohen, T
	Th.....3:00pm- 4:50pm (PHY 3312)	LAB	
	Th.....2:00pm- 2:50pm (PHY 1219)	DIS	
0203	TuTh.....12:30pm- 1:45pm (PHY 1410)		Cohen, T
	M.....4:00pm- 5:50pm (PHY 3312)	LAB	
	M.....3:00pm- 3:50pm (PHY 1221)	DIS	
0204	TuTh.....12:30pm- 1:45pm (PHY 1410)		Cohen, T
	W.....9:00am-10:50am (PHY 3312)	LAB	
	W.....8:00am- 8:50am (PHY 1402)	DIS	
0205	TuTh.....12:30pm- 1:45pm (PHY 1410)		Cohen, T
	Tu.....11:00am- 9:50am (PHY 3312)	LAB	
	Tu.....9:00am- 9:50am (MTH B0427)	DIS	
0301	MW.....7:00pm- 8:30pm (PHY 1412)		Khor, E
	Tu.....7:30pm- 9:30pm (PHY 3312)	LAB	
	Tu.....6:30pm- 7:20pm (PHY 1219)	DIS	
0302	MW.....7:00pm- 8:30pm (PHY 1412)		Khor, E
	Th.....7:30pm- 9:30pm (PHY 3312)	LAB	
	Th.....6:30pm- 7:20pm (PHY 1219)	DIS	
0303	MW.....7:00pm- 8:30pm (PHY 1412)		Khor, E
	Tu.....4:00pm- 6:00pm (PHY 3312)	LAB	
	Tu.....3:00pm- 3:50pm (PHY 1219)	DIS	

PHYS141 Principles of Physics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191. Physics Clinic, PHY 1214, MTWHF 2. — 4 credits

0101	MWF.....3:00pm- 3:50pm (PHY 1410)		Holmgren, H
	W.....11:00am-12:50pm (PHY 3314)	LAB	
	W.....10:00am-10:50am (PHY 0405)	DIS	
0102	MWF.....3:00pm- 3:50pm (PHY 1410)		Holmgren, H
	W.....1:00pm- 2:50pm (PHY 3314)	LAB	
	W.....12:00pm-12:50pm (PHY 4208)	DIS	
0104	MWF.....3:00pm- 3:50pm (PHY 1410)		Holmgren, H
	Th.....11:00am-12:50pm (PHY 3314)	LAB	
	Th.....10:00am-10:50am (CHM 0127)	DIS	

PHYS142 Principles of Physics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Credit will not be grated for PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262. Physics Clinic, PHY 1214, MTWHF 10,12. — 4 credits

0101	MWF.....11:00am-11:50am (PHY 1410)		Skiff, F
	M.....1:00pm- 2:50pm (PHY 3310)	LAB	
	M.....12:00pm-12:50pm (PHY 4220)	DIS	
0102	MWF.....11:00am-11:50am (PHY 1410)		Skiff, F
	M.....3:00pm- 4:50pm (PHY 3310)	LAB	
	M.....2:00pm- 2:50pm (PHY 1402)	DIS	
0103	MWF.....11:00am-11:50am (PHY 1410)		Skiff, F
	Tu.....9:00am-10:50am (PHY 3310)	LAB	
	Tu.....8:00am- 8:50am (PHY 4220)	DIS	
0104	MWF.....11:00am-11:50am (PHY 1410)		Skiff, F
	Tu.....3:00pm- 4:50pm (PHY 3310)	LAB	
	Tu.....2:00pm- 2:50pm (PHY 4220)	DIS	

PHYS161 General Physics: Mechanics and Particle Dynamics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Pre- or corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191. Physics Clinic, PHY 1214, MTWHF 11, 1, 2. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (PHY 1412)		Gluckstern, R
	Tu.....2:00pm- 2:50pm (PHY 1402)	DIS	
0102	TuTh.....12:30pm- 1:45pm (PHY 1412)		Gluckstern, R
	W.....3:00pm- 3:50pm (PHY 1402)	DIS	
0103	TuTh.....12:30pm- 1:45pm (PHY 1412)		Gluckstern, R
	Th.....11:00am-11:50am (PHY 1402)	DIS	
0104	TuTh.....12:30pm- 1:45pm (PHY 1412)		Gluckstern, R
	W.....1:00pm- 1:50pm (PHY 4208)	DIS	
0105	TuTh.....12:30pm- 1:45pm (PHY 1412)		Gluckstern, R
	Th.....3:00pm- 3:50pm (PHY 4208)	DIS	
0201	MWF.....12:00pm-12:50pm (PHY 1412)		Fivel, D
0202	MWF.....12:00pm-12:50pm (PHY 1412)		Fivel, D
	Tu.....8:00am- 8:50am (PHY 4208)	DIS	
0203	MWF.....12:00pm-12:50pm (PHY 1412)		Fivel, D
	Th.....8:00am- 8:50am (PHY 4208)	DIS	
0204	MWF.....12:00pm-12:50pm (PHY 1412)		Fivel, D
	M.....1:00pm- 1:50pm (PHY 4220)	DIS	
0205	MWF.....12:00pm-12:50pm (PHY 1412)		Fivel, D
	W.....2:00pm- 2:50pm (PHY 4208)	DIS	
0301	MWF.....2:00pm- 2:50pm (PHY 1410)		Mohapatra, R
	Tu.....11:00am-11:50am (PHY 1402)	DIS	
0302	MWF.....2:00pm- 2:50pm (PHY 1410)		Mohapatra, R
	Th.....2:00pm- 2:50pm (PHY 4208)	DIS	
0303	MWF.....2:00pm- 2:50pm (PHY 1410)		Mohapatra, R
	W.....8:00am- 8:50am (PHY 4208)	DIS	
0304	MWF.....2:00pm- 2:50pm (PHY 1410)		Mohapatra, R
	Th.....8:00am- 8:50am (PHY 1219)	DIS	
0305	MWF.....2:00pm- 2:50pm (PHY 1410)		Mohapatra, R
	F.....1:00pm- 1:50pm (PHY 4208)	DIS	
0401	MW.....7:00pm- 9:00pm (PHY 1410)		Rapport, M
0402	MW.....7:00pm- 9:00pm (PHY 1219)	DIS	Rapport, M
0403	MW.....7:00pm- 9:00pm (PHY 1410)		Rapport, M
	MW.....7:00pm- 9:00pm (PHY 1402)	DIS	

PHYS161H General Physics: Mechanics and Particle Dynamics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Pre- or corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191. — 3 credits

0101 TuTh.....12:30pm- 1:45pm (PHY 1412) STAFF
Tu.....11:00am-11:50am (PHY 1219) DIS
0201 MWF.....12:00pm-12:50pm (PHY 1412) STAFF
Tu.....11:00am-11:50am (PHY 1219) DIS
0301 MWF.....2:00pm- 2:50pm (PHY 1410) STAFF
Tu.....11:00am-11:50am (PHY 1219) DIS

PHYS171 Introductory Physics: Mechanics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: MATH 140 and a high school physics course or permission of department. Corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191. 3 credits
0101 MTuThF....10:00am-10:50am (PHY 0405) Glick, A

PHYS262 General Physics: Vibrations, Waves, Heat, Electricity and Magnetism; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: PHYS 161. Corequisite: PHYS 262A. Credit will not be granted for PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262. Must register also for PHYS 262A. Physics Clinic, PHY 1214, MTWHF 11, 1. 4 credits
0101 TuTh.....8:00am- 9:15am (PHY 1412) STAFF
M.....2:00pm- 2:50pm (PHY 4208) DIS
0102 TuTh.....8:00am- 9:15am (PHY 1412) STAFF
Th.....2:00pm- 2:50pm (PHY 1402) DIS
0103 TuTh.....8:00am- 9:15am (PHY 1412) STAFF
Tu.....12:00pm-12:50pm (PHY 4220) DIS
0104 TuTh.....8:00am- 9:15am (PHY 1412) STAFF
Tu.....1:00pm- 1:50pm (PHY 4208) DIS
0105 TuTh.....8:00am- 9:15am (PHY 1412) STAFF
M.....8:00am- 8:50am (PHY 4208) DIS
0201 MWF.....10:00am-10:50am (PHY 1412) Hill III, W
Tu.....12:00pm-12:50pm (PHY 1402) DIS
0202 MWF.....10:00am-10:50am (PHY 1412) Hill III, W
M.....1:00pm- 1:50pm (PHY 1219) DIS
0203 MWF.....10:00am-10:50am (PHY 1412) Hill III, W
Th.....11:00am-11:50am (PHY 1219) DIS
0204 MWF.....10:00am-10:50am (PHY 1412) Hill III, W
W.....8:00am- 8:50am (PHY 1219) DIS
0205 MWF.....10:00am-10:50am (PHY 1412) Hill III, W
Tu.....3:00pm- 3:50pm (PHY 4220) DIS
0301 TuTh.....9:30am-10:45am (PHY 1410) Mason, G
W.....3:00pm- 3:50pm (PHY 1221) DIS
0302 TuTh.....9:30am-10:45am (PHY 1410) Mason, G
Tu.....3:00pm- 3:50pm (PHY 1402) DIS
0303 TuTh.....9:30am-10:45am (PHY 1410) Mason, G
Th.....1:00pm- 1:50pm (PHY 1221) DIS
0304 TuTh.....9:30am-10:45am (PHY 1410) Mason, G
F.....12:00pm-12:50pm (PHY 4208) DIS
0305 TuTh.....9:30am-10:45am (PHY 1410) Mason, G
Th.....8:00am- 8:50am (PHY 1221) DIS

PHYS262A General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory); Grade Method: NGI; Laboratory for PHYS 262. No credit
0101 Th.....8:00am- 9:50am (PHY 3219) LAB Hadley, N
0102 M.....10:00am-11:50am (PHY 3219) LAB Hadley, N
0103 M.....12:00pm- 1:50pm (PHY 3219) LAB Hadley, N
0104 M.....2:00pm- 3:50pm (PHY 3219) LAB Hadley, N
0105 M.....4:00pm- 5:50pm (PHY 3219) LAB Hadley, N
0106 Tu.....8:00am- 9:50am (PHY 3219) LAB Hadley, N
0107 Tu.....10:00am-11:50am (PHY 3219) LAB Hadley, N
0108 Tu.....12:00pm- 1:50pm (PHY 3219) LAB Hadley, N
0109 Tu.....2:00pm- 3:50pm (PHY 3219) LAB Hadley, N
0110 Tu.....4:00pm- 5:50pm (PHY 3219) LAB Hadley, N
0111 W.....8:00am- 9:50am (PHY 3219) LAB Hadley, N
0112 W.....10:00am-11:50am (PHY 3219) LAB Hadley, N
0113 W.....12:00pm- 1:50pm (PHY 3219) LAB Hadley, N
0114 W.....2:00pm- 3:50pm (PHY 3219) LAB Hadley, N
0115 W.....4:00pm- 5:50pm (PHY 3219) LAB Hadley, N
0116 Th.....10:00am-11:50am (PHY 3219) LAB Hadley, N
0117 Th.....12:00pm- 1:50pm (PHY 3219) LAB Hadley, N
0118 Th.....2:00pm- 3:50pm (PHY 3219) LAB Hadley, N

PHYS263 General Physics: Electrodynamics, Light, Relativity and Modern Physics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: PHYS 262. Corequisite: PHYS 263A. Credit will not be granted for PHYS 273 and PHYS 263 or former PHYS 293. Must register also for PHYS 263A. Physics Clinic, PHY 1214, MTWHF 10, 12, 2. 4 credits
0101 MWF.....1:00pm- 1:50pm (PHY 1412) Kacser, C
Tu.....3:00pm- 3:50pm (PHY 4208) DIS
0102 MWF.....1:00pm- 1:50pm (PHY 1412) Kacser, C
W.....2:00pm- 2:50pm (PHY 1402) DIS
0103 MWF.....1:00pm- 1:50pm (PHY 1412) Kacser, C
M.....10:00am-10:50am (PHY 1219) DIS
0104 MWF.....1:00pm- 1:50pm (PHY 1412) Kacser, C
W.....12:00pm-12:50pm (PHY 4220) DIS
0105 MWF.....1:00pm- 1:50pm (PHY 1412) Kacser, C
Th.....1:00pm- 1:50pm (PHY 4208) DIS
0201 MWF.....11:00am-11:50am (PHY 1412) Fivel, D
W.....3:00pm- 3:50pm (PHY 4220) DIS
0202 MWF.....11:00am-11:50am (PHY 1412) Fivel, D
F.....8:00am- 8:50am (PHY 4208) DIS
0203 MWF.....11:00am-11:50am (PHY 1412) Fivel, D
F.....12:00pm-12:50pm (PHY 4220) DIS
0204 MWF.....11:00am-11:50am (PHY 1412) Fivel, D
Th.....12:00pm-12:50pm (PHY 0405) DIS
0205 MWF.....11:00am-11:50am (PHY 1412) Fivel, D
W.....1:00pm- 1:50pm (PHY 4220) DIS
0301 TuTh.....2:00pm- 3:15pm (PHY 1410) Wallace, S
Tu.....8:00am- 8:50am (PHY 1219) DIS
0302 TuTh.....2:00pm- 3:15pm (PHY 1410) Wallace, S
W.....1:00pm- 1:50pm (PHY 1219) DIS
0303 TuTh.....2:00pm- 3:15pm (PHY 1410) Wallace, S
Th.....12:00pm-12:50pm (PHY 1219) DIS
0304 TuTh.....2:00pm- 3:15pm (PHY 1410) Wallace, S
Tu.....1:00pm- 1:50pm (PHY 1402) DIS
0305 TuTh.....2:00pm- 3:15pm (PHY 1410) Wallace, S
F.....10:00am-10:50am (PHY 1219) DIS
0401 MW.....7:00pm- 9:00pm (PHY 0405) Taggart, G
MW.....7:00pm- 9:00pm (PHY 4208) DIS
0402 MW.....7:00pm- 9:00pm (PHY 0405) Taggart, G
MW.....7:00pm- 9:00pm (PHY 4220) DIS

PHYS263A General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory); Grade Method: NGI; Laboratory for PHYS 263. No credit
0101 Th.....8:00am- 9:50am (PHY 3220) LAB Hadley, N
0102 Th.....2:00pm- 3:50pm (PHY 3220) LAB Hadley, N
0103 M.....12:00pm- 1:50pm (PHY 3220) LAB Hadley, N
0104 M.....2:00pm- 3:50pm (PHY 3220) LAB Hadley, N
0105 M.....4:00pm- 5:50pm (PHY 3220) LAB Hadley, N
0106 Tu.....8:00am- 9:50am (PHY 3220) LAB Hadley, N
0107 Tu.....10:00am-11:50am (PHY 3220) LAB Hadley, N
0108 Tu.....12:00pm- 1:50pm (PHY 3220) LAB Hadley, N
0109 Tu.....2:00pm- 3:50pm (PHY 3220) LAB Hadley, N
0110 Tu.....4:00pm- 5:50pm (PHY 3220) LAB Hadley, N
0111 W.....8:00am- 9:50am (PHY 3220) LAB Hadley, N
0112 W.....10:00am-11:50am (PHY 3220) LAB Hadley, N
0113 W.....12:00pm- 1:50pm (PHY 3220) LAB Hadley, N
0114 W.....2:00pm- 3:50pm (PHY 3220) LAB Hadley, N
0115 W.....4:00pm- 5:50pm (PHY 3220) LAB Hadley, N
0116 Th.....10:00am-11:50am (PHY 3220) LAB Hadley, N
0117 Th.....12:00pm- 1:50pm (PHY 3220) LAB Hadley, N
0119 Tu.....7:00pm- 8:50pm (PHY 3220) LAB Hadley, N
0120 Th.....7:00pm- 8:50pm (PHY 3220) LAB Hadley, N

PHYS263H (PermReq) General Physics: Electrodynamics, Light, Relativity and Modern Physics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: PHYS 262. Corequisite: PHYS 263A. Credit will not be granted for PHYS 273 and PHYS 263 or former PHYS 293. Must register also for PHYS 263A. Clinic - M and Z Slawsky, arranged - PHY 1214. 4 credits
0101 MWF.....1:00pm- 1:50pm (PHY 1412) Kacser, C
Tu.....1:00pm- 1:50pm (PHY 1219) DIS
0201 MWF.....11:00am-11:50am (PHY 1412) Fivel, D
Tu.....1:00pm- 1:50pm (PHY 1219) DIS
0301 TuTh.....2:00pm- 3:15pm (PHY 1410) Wallace, S
Tu.....1:00pm- 1:50pm (PHY 1219) DIS

PHYS272 Introductory Physics: Vibration, Waves, Heat, Electrostatics and Magnetostatics; Grade Method: REG/P-F/AUD; Prerequisite: PHYS 171 and MATH 141. Corequisite: PHYS 275 and MATH 241 or MATH 240 (it is preferable to take MATH 241 before MATH 240 for this course. Credit will not be granted for PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262. Meets USP Distributive Studies (B) Natural Sciences and Mathematics requirement. If taken with PHYS 275, course may be taken as lab science requirement. 3 credits
0101 MTuThF.....9:00am- 9:50am (PHY 4220) Williams, E

PHYS273 Introductory Physics: Electrodynamics, Optics, Light, Relativity and Modern Physics; Grade Method: REG/P-F/AUD; Prerequisite: PHYS 272, PHYS 275 and MATH 240 or MATH 241. Corequisite: PHYS 276 and MATH 240 or MATH 241. Credit will not be granted for PHYS 273 and PHYS 263 or former PHYS 293. Meets USP Distributive Studies (B) Natural Sciences and Mathematics requirement. If taken with PHYS 276, course may be taken as lab science requirement. 3 credits
0101 MF.....11:00am-11:50am (PHY 1402) Goodman, J
W.....10:00am-11:50am (PHY 1402)

PHYS275 (PermReq) Experimental Physics I: Mechanics and Thermodynamics; Grade Method: REG/P-F/AUD; Prerequisite: PHYS 171 or PHYS 191. One two-three laboratory-lecture per week. Credit will not be granted for more than two of the following courses: PHYS 275, PHYS 195, PHYS 196. 1 credit
0101 M.....3:00pm- 5:50pm (PHY 3203) LAB Desilva, A
0201 W.....1:00pm- 3:50pm (PHY 3203) LAB Desilva, A
0301 Th.....2:00pm- 4:50pm (PHY 3203) LAB Chant, N

PHYS276 Experimental Physics II: Electricity and Magnetism; Grade Method: REG/P-F/AUD; Prerequisite: PHYS 272 or PHYS 293. Credit will not be granted for both PHYS 276 and former PHYS 295. 2 credits
0101 M.....1:00pm- 4:50pm (PHY 3211) Skuja, A
0201 Tu.....1:00pm- 4:50pm (PHY 3211) Skuja, A
0301 W.....12:00pm- 3:50pm (PHY 3211) Chant, N

PHYS299 (PermReq) Special Problems in Physics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHYS301 Intermediate Theoretical Physics; Grade Method: REG/P-F/AUD; Prerequisite: PHYS 142 and MATH 241. 3 credits
0101 MWF.....12:00pm-12:50pm (PHY 1221) Hassam, A

PHYS305 Physics Shop Techniques; Grade Method: REG/P-F/AUD; Prerequisite: PHYS 395 or permission of department. 1 credit
0101 Th.....2:00pm- 4:50pm (PHY 0125) LAB Giddings, M

PHYS375 (PermReq) Experimental Physics III: Electromagnetic Waves, Optics and Modern Physics; Grade Method: REG/P-F/AUD; Prerequisite: PHYS 273 or PHYS 294. Credit will not be granted for both PHYS 375 and former PHYS 296. 2 credits
0101 M.....1:00pm- 4:50pm (PHY 3104) LAB Currie, D
0201 W.....2:00pm- 5:50pm (PHY 3104) LAB Currie, D
0301 Th.....1:00pm- 4:50pm (PHY 3104) LAB Boyd, D

PHYS389 (PermReq) Undergraduate Thesis Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHYS395 (PermReq) Advanced Experiments; Grade Method: REG/P-F/AUD; Prerequisite: PHYS 375. Additional required lab time to be arranged. 3 credits
0101 W.....12:00pm- 3:50pm (PHY 3210) LAB Chang, C

PHYS398 (PermReq) Independent Studies Seminar; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

PHYS399 (PermReq) Special Problems in Physics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHYS406 Optics; Grade Method: REG/P-F/AUD; Prerequisite: [PHYS 263 or PHYS 273 or PHYS 301]; and MATH 240. 3 credits
0101 TuTh.....1:00pm- 2:15pm (PHY 1304) Kim, Y

PHYS410 Elements of Theoretical Physics: Mechanics; Grade Method: REG/P-F/AUD; Prerequisite: [PHYS 263 or PHYS 273 or PHYS 301]; and MATH 241. Corequisite: MATH 240. 4 credits
0101 TuTh.....9:00am-10:50am (PHY 4208) Prange, R

PHYS411 Elements of Theoretical Physics: Electricity and Magnetism; Grade Method: REG/P-F/AUD; Prerequisite: [PHYS 263 or PHYS 273 or PHYS 301]; and MATH 240 and MATH 241. 4 credits
0101 TuTh.....9:00am-10:50am (PHY 1402) Misner, C

PHYS414 Introduction to Thermodynamics and Statistical Mechanics; Grade Method: REG/P-F/AUD; Prerequisite: [PHYS 263 or PHYS 273 or PHYS 301]; and MATH 240. 3 credits
0101 TuTh.....2:30pm- 3:45pm (PHY 1221) Kelly, J

PHYS420 Principles of Modern Physics; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: [PHYS 263 or PHYS 273 or PHYS 301]; and MATH 241. Credit will be granted for only one of the following: PHYS 420 or PHYS 421. 3 credits
0101 MWF.....12:00pm-12:50pm (PHY 1410) Einstein, T
0201 TuTh.....8:00am- 9:15am (PHY 1410) Earl, J

PHYS421 Introduction to Modern Physics; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: [PHYS 263 or PHYS 273 or PHYS 301]; and MATH 241, including some knowledge of ordinary equations. Credit will be granted for only one of the following: PHYS 420 or PHYS 421. 3 credits
0101 MWF.....11:00am-11:50am (PHY 1219) Hornyak, W

PHYS422 Modern Physics; Grade Method: REG/P-F/AUD; Prerequisite: PHYS 421. 4 credits
0101 MF.....9:00am- 9:50am (PHY 1219) Drew, H
W.....9:00am-10:50am (PHY 1219)

PHYS429 (PermReq) Atomic and Nuclear Physics Laboratory; Grade Method: REG/P-F/AUD; Labs begin first week of classes. Students may work at times other than those listed below. They must, however, be available for the first hour of either one of the two regularly scheduled sections. Physics majors only. 3 credits
0101 M.....1:00pm- 6:00pm (PHY 3120) LAB Goldenbaum, G
0201 Th.....12:00pm- 5:00pm (PHY 3120) LAB Zorn, G

PHYS451 Introduction to Elementary Particles; Grade Method: REG/P-F/AUD; Prerequisite: PHYS 422. 3 credits
0101 MWF.....11:00am-11:50am (PHY 1304) Chang, C

PHYS485 (PermReq) Electronic Circuits; Grade Method: REG/P-F/AUD; Prerequisite: PHYS 395. Corequisite: PHYS 301 or PHYS 411. Lab begins first week of classes. 4 credits
0101 M.....2:00pm- 3:50pm (PHY 4220) Anderson, J
W.....1:00pm- 4:50pm (PHY 3301) LAB

PHYS499A (PermReq) Special Problems in Physics: Individual Problems with Laboratory; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

PHYS499B (PermReq) Special Problems in Physics: Individual Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

PHYS499C Special Problems in Physics: Physics of Music; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (PHY 1412) Brill, D

PHYS499J Special Problems in Physics: Computer Solutions to Real World Physics Problems; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (PHY 4208) Macdonald, W

PHYS601 Theoretical Dynamics; Grade Method: REG/AUD; Prerequisite: PHYS 410 or equivalent. Advanced special students require department authorization. 3 credits
0101 MWF.....1:00pm- 1:50pm (PHY 1402) Griffin, J

PHYS603 Methods of Statistical Physics; Grade Method: REG/AUD; Prerequisite: PHYS 414 or equivalent. Credit will be granted for only one of the following: PHYS 602 or PHYS 603. 3 credits
0101 TuTh.....1:00pm- 2:15pm (PHY 0405) Banerjee, M

PHYS604 Methods of Mathematical Physics; Grade Method: REG/AUD; Prerequisites: [advanced calculus; and PHYS 410; and PHYS 411]; or equivalent. Advanced special students require department authorization. 3 credits
0101 MWF.....10:00am-10:50am (PHY 4208) Oneda, S

PHYS606 Electrodynamics; Grade Method: REG/AUD; Prerequisite: PHYS 604 or equivalent. Advanced special students require department authorization. 4 credits
0101 TuTh.....10:00am-11:50am (PHY 4220) Drake Jr., J

PHYS621 (PermReq) Graduate Laboratory; Grade Method: REG/AUD; All labs will extend 1 hour beyond those listed below. Advanced special students require department authorization. 3 credits
0101 M.....1:00pm- 6:00pm (PHY 3120) LAB Goldenbaum, G
0201 Th.....12:00pm- 5:00pm (PHY 3120) LAB Zorn, G

PHYS622 Introduction to Quantum Mechanics I; Grade Method: REG/AUD; Prerequisite: an outstanding undergraduate background in physics. Advanced special students require department authorization. 4 credits
0101 MF.....12:00pm-12:50pm (PHY 0405) Ferrell, R
W.....11:00am-12:50pm (PHY 0405)

PHYS623 Introduction to Quantum Mechanics II; Grade Method: REG/AUD; Prerequisite: an outstanding undergraduate background in physics. Advanced special students require department authorization. 3 credits
0101 MWF.....10:00am-10:50am (PHY 4220) Woo, C

PHYS625 Non-relativistic Quantum Mechanics; Grade Method: REG/AUD; Prerequisite: PHYS 623. Advanced special students require department authorization. 3 credits
0101 MWF.....11:00am-11:50am (PHY 4220) Korenman, V

PHYS709 Seminar in General Physics: Statistical Physics Seminar; Grade Method: REG/AUD; Advanced special students require department authorization. 1 credit
0101 Tu.....1:15pm- 2:30pm (IPT 1115) STAFF

PHYS711 Symmetry Problems in Physics; Grade Method: REG/AUD; Prerequisite: PHYS 623. Advanced special students require department authorization. 3 credits
0101 MWF.....9:00am- 9:50am (PHY 4102) Gates Jr., S

PHYS718 Seminar in General Physics: Atomic Physics and Quantum Electronics; Grade Method: REG/AUD; Advanced special students require department authorization. 1 credit
0101 F.....1:30pm- 2:50pm (PHY 1304) Alley, C

PHYS719 Seminar in General Physics: Accelerator Theory and Dynamical Systems; Grade Method: REG/AUD; Advanced special students require departmnt authorization. 1 credit
0101 W.....4:00pm- 5:50pm (PHY 1402) Gluckstern, R

PHYS721 Theory of Atomic Spectra; Grade Method: REG/AUD; Prerequisite: PHYS 622. 3 credits
0101 MWF.....12:00pm-12:50pm (PHY 1219) Griem, H

PHYS730 Seminar in Experimental Solid State Physics: Quantum Mechanical Many-Body Problems; Grade Method: REG/AUD; Advanced special students require department authorization. 1 credit
0101 Th.....2:00pm- 3:30pm (PHY 4220) Anderson, J

PHYS739 Seminar in Theoretical Solid State Physics: Quantum Mechanical Many-Body Problems; Grade Method: REG/AUD; Advanced special students require department authorization. 1 credit
0101 Th.....2:00pm- 3:30pm (PHY 4220) Anderson, J

PHYS748 Seminar in Experimental Nuclear Physics; Grade Method: REG/AUD; Advanced special students require department authorization. 1 credit
0101 M.....4:00pm- 5:30pm (PHY 1304) Roos, P

PHYS749 Seminar in Theoretical Nuclear Physics; Grade Method: REG/AUD; Advanced special students require department authorization. 1 credit
0101 W.....4:00pm- 4:50pm (PHY 4220) Macdonald, W

PHYS752 Elementary Particle Physics II: Theory; Grade Method: REG/AUD; Prerequisites: [PHYS 624; and PHYS 751]. Advanced special students require department authorization. 3 credits
0101 TuTh.....2:30pm- 3:45pm (PHY 0405) Pati, J

PHYS758 Seminar in Elementary Particles and Quantum Field Theory: High Energy Physics; Grade Method: REG/AUD; Advanced special students require department authorization. 1 credit
0101 W.....4:00pm- 6:00pm (PHY 1304) Goodman, J

PHYS759 Seminar in Elementary Particles and Quantum Field Theory; Grade Method: REG/AUD; Advanced special students require department authorization. 1 credit
0101 M.....3:30pm- 4:50pm (PHY 4102) Gates Jr., S

PHYS762 Plasma Physics II; Grade Method: REG/AUD; Advanced special students require department authorization. 3 credits
0101 MWF.....9:00am- 9:50am (PHY 1402) Wu, C

PHYS769 Seminar in Plasma Physics: Plasma Radiation; Grade Method: REG/AUD; Advanced special students require department authorization. 1 credit
0101 M.....1:30pm- 2:20pm (Arranged) Hassam, A

PHYS778 Seminar in Space and Cosmic Ray Physics; Grade Method: REG/AUD; Advanced special students require department authorization. 1 credit
0101 M.....4:15pm- 6:00pm (CSS 1113) Hamilton, D

PHYS779 Seminar in General Relativity; Grade Method: REG/AUD; Advanced special students require department authorization. 1 credit
0101 W.....2:00pm- 3:50pm (PHY 1304) Hu, B

PHYS798 Special Problems in Advanced Physics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHYS798A Special Problems in Advanced Physics: Phase Transitions and Renormalization Groups; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (PHY 1221) Fisher, M
TuTh.....9:30am-10:45am (PHY 1219)

PHYS798B Special Problems in Advanced Physics: Magnetism; Grade Method: REG/AUD; 3 credits
0101 MW.....4:00pm- 5:30pm (PHY 0405) Lynn, J

PHYS798C Special Problems in Advanced Physics: Topics in Chaotic Dynamics; Grade Method: REG/AUD; 3 credits
0101 MWF.....10:00am-10:50am (PHY 1221) Antonsen Jr., T

PHYS798D (PermReq) Special Problems in Advanced Physics: Nonlinear Spectroscopy; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged McIlrath, T

PHYS798E (PermReq) Special Problems in Advanced Physics: Science, Technology and National Security; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:30pm (KEY 0124) Fetter, S

PHYS799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHYS832 Theory of Solids I; Grade Method: REG/AUD; Prerequisite: PHYS 623. Corequisite: PHYS 625. Advanced special students require department authorization. 3 credits
0101 MW.....2:00pm- 3:15pm (PHY 1219) Wang, C

PHYS838A Special Topics in Experimental Solid State Physics: Methods of Surface Physics; Grade Method: REG/AUD; 2 credits
0101 F.....4:00pm- 6:00pm (PHY 1304) Park, R

PHYS851 Advanced Quantum Field Theory; Grade Method: REG/AUD; Prerequisite: PHYS 624. 3 credits
0101 MWF.....11:00am-11:50am (PHY 1221) Greenberg, O

PHYS888 Special Topics in Applied Physics: Instrumental Techniques for Experimental Physics Research; Grade Method: REG/AUD; Advanced special students require department authorization. 2 credits

0101 TuTh.....12:00pm-12:50pm (PHY 1221) Giganti, J

PHYS899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

Physics Colloquium meets TU 4-5.30 in PHY 1410 and PHY 1412. Physics Journal Club meets Th 4-5.30 in PHY 1410.

PORT Portuguese (Arts and Humanities)

PORT101 Elementary Portuguese; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits
0101 MWF.....12:00pm-12:50pm (JMZ 0118) Gordo, M
Tu.....12:00pm-12:50pm (JMZ 0125)

PORT102 Elementary Portuguese; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: PORT 101. 4 credits
0101 MWF.....11:00am-11:50am (JMZ 0120) Gordo, M
Tu.....11:00am-11:50am (JMZ 1120)

PORT203 Intermediate Portuguese; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: PORT 102. Formerly PORT 104. 4 credits
0101 MWF.....10:00am-10:50am (JMZ 1123) Gordo, M
Tu.....10:00am-10:50am (JMZ 1122)

PORT205 Intermediate Conversation; Grade Method: REG/P-F/AUD; Prerequisite: PORT 203 or permission of department. 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 1211) Igel, R

PORT221 Introduction to Brazilian Literature; Grade Method: REG/P-F/AUD; Prerequisite: PORT 104. 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 1109) Igel, R

PORT399 (PermReq) Independent Study in Portuguese; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PORT478 Themes and Movements of Luso-Brazilian Literature in Translation; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 1211) Igel, R

PORT478A Themes and Movements of Luso-Brazilian Literature in Translation; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 1109) STAFF

PSYC Psychology (Behavior & Social Sci)

PSYC100 Introduction to Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Discussion sections do not meet until after first lecture. 3 credits
0110 MW.....10:00am-10:50am (ZOP 1240) Horton, D
W.....11:00am-11:50am (ZOP 1228) DIS
0111 MW.....10:00am-10:50am (ZOP 1240) Horton, D
W.....12:00pm-12:50pm (ZOP 1228) DIS
0112 MW.....10:00am-10:50am (ZOP 1240) Horton, D
W.....1:00pm- 1:50pm (ZOP 1228) DIS
0113 MW.....10:00am-10:50am (ZOP 1240) Horton, D
W.....2:00pm- 2:50pm (ZOP 1228) DIS
0114 MW.....10:00am-10:50am (ZOP 1240) Horton, D
W.....3:00pm- 3:50pm (ZOP 1228) DIS
0115 MW.....10:00am-10:50am (ZOP 1240) Horton, D
W.....4:00pm- 4:50pm (ZOP 1228) DIS
0116 MW.....10:00am-10:50am (ZOP 1240) Horton, D
Th.....8:00am- 8:50am (ZOP 1228) DIS

0117 MW.....10:00am-10:50am (ZOP 1240) Horton, D
Th.....9:00am- 9:50am (ZOP 1228) DIS
0118 MW.....10:00am-10:50am (ZOP 1240) Horton, D
Th.....10:00am-10:50am (ZOP 1228) DIS
0119 MW.....10:00am-10:50am (ZOP 1240) Horton, D
Th.....11:00am-11:50am (ZOP 1228) DIS
0120 MW.....10:00am-10:50am (ZOP 1240) Horton, D
Th.....12:00pm-12:50pm (ZOP 1228) DIS
0121 MW.....10:00am-10:50am (ZOP 1240) Horton, D
Th.....1:00pm- 1:50pm (ZOP 1228) DIS
0122 MW.....10:00am-10:50am (ZOP 1240) Horton, D
F.....8:00am- 8:50am (ZOP 1228) DIS
0123 MW.....10:00am-10:50am (ZOP 1240) Horton, D
F.....9:00am- 9:50am (ZOP 1228) DIS
0220 TuTh.....2:00pm- 2:50pm (ZOP 1240) Steinman, R
W.....9:00am- 9:50am (ZOP 1232) DIS
0221 TuTh.....2:00pm- 2:50pm (ZOP 1240) Steinman, R
W.....10:00am-10:50am (ZOP 1232) DIS
0222 TuTh.....2:00pm- 2:50pm (ZOP 1240) Steinman, R
W.....11:00am-11:50am (ZOP 1232) DIS
0223 TuTh.....2:00pm- 2:50pm (ZOP 1240) Steinman, R
W.....12:00pm-12:50pm (ZOP 1232) DIS
0224 TuTh.....2:00pm- 2:50pm (ZOP 1240) Steinman, R
W.....1:00pm- 1:50pm (ZOP 1232) DIS
0225 TuTh.....2:00pm- 2:50pm (ZOP 1240) Steinman, R
W.....2:00pm- 2:50pm (ZOP 1232) DIS
0226 TuTh.....2:00pm- 2:50pm (ZOP 1240) Steinman, R
W.....3:00pm- 3:50pm (ZOP 1232) DIS
0227 TuTh.....2:00pm- 2:50pm (ZOP 1240) Steinman, R
Th.....9:00am- 9:50am (ZOP 1232) DIS
0228 TuTh.....2:00pm- 2:50pm (ZOP 1240) Steinman, R
Th.....10:00am-10:50am (ZOP 1232) DIS
0229 TuTh.....2:00pm- 2:50pm (ZOP 1240) Steinman, R
Th.....11:00am-11:50am (ZOP 1232) DIS
0230 TuTh.....2:00pm- 2:50pm (ZOP 1240) Steinman, R
Th.....12:00pm-12:50pm (ZOP 1232) DIS
0231 TuTh.....2:00pm- 2:50pm (ZOP 1240) Steinman, R
Th.....1:00pm- 1:50pm (ZOP 1232) DIS
0232 TuTh.....2:00pm- 2:50pm (ZOP 1240) Steinman, R
Th.....3:00pm- 3:50pm (ZOP 1232) DIS
0233 TuTh.....2:00pm- 2:50pm (ZOP 1240) Steinman, R
Th.....4:00pm- 4:50pm (ZOP 1232) DIS

PSYC100H (PermReq) Introduction to Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Permission may be obtained in the General Honors Office (0110 Hornbake) or in ZOP 1107. 3 credits
0101 MWF.....1:00pm- 1:50pm (ZOP 1234) Brauth, S

PSYC200 (PermReq) Statistical Methods in Psychology; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100; and MATH 111 or MATH 140 or MATH 220. Permission must be obtained in ZOP 1107. 3 credits
0101 MWF.....9:00am- 9:50am (ZOP 1238) Anderson, N
0201 MWF.....11:00am-11:50am (ZOP 1238) Hayes, J
0301 MWF.....3:00pm- 3:50pm (ZOP 1236) Blair, M
0401 TuTh.....9:30am-10:45am (ZOP 1238) Wallace, D

PSYC221 Social Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Prerequisite: PSYC 100. 3 credits
0110 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
W.....2:00pm- 2:50pm (ZOP 1124) DIS
0111 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
W.....3:00pm- 3:50pm (ZOP 1124) DIS
0112 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
Th.....12:00pm-12:50pm (ZOP 1124) DIS
0113 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
Th.....1:00pm- 1:50pm (ZOP 1124) DIS
0114 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
Th.....2:00pm- 2:50pm (ZOP 1124) DIS
0115 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
F.....10:00am-10:50am (ZOP 1124) DIS
0116 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
F.....11:00am-11:50am (ZOP 1124) DIS
0117 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
F.....12:00pm-12:50pm (ZOP 1124) DIS
0118 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
F.....1:00pm- 1:50pm (ZOP 1124) DIS
0119 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
F.....2:00pm- 2:50pm (ZOP 1124) DIS

PSYC301 Biological Basis of Behavior; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: PSYC 100. 3 credits
0101 MWF.....1:00pm- 1:50pm (ZOP 1250) Mansbach, C

PSYC309C Special Topics in Psychology: Biological Bases for Mental Illness; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100. 3 credits
0101 MWF.....10:00am-10:50am (ZOP 1243) Coursey, R

PSYC310 Perception; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Prerequisite: PSYC 100 or permission of department. Not open to students who have completed PSYC 410. 3 credits
0101 TuTh.....9:30am-10:45am (ZOP 1243) Steinman, R

PSYC330 Child Psychopathology; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100; and PSYC 355 or equivalent. 3 credits
0101 MWF.....9:00am- 9:50am (ZOP 1243) STAFF

PSYC334 Psychology of Interpersonal Relationships; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 1250) Brown, R

PSYC337 Introduction to Community Psychology; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100. 3 credits
0101 MWF.....1:00pm- 1:50pm (ZOP 1243) Steele, R

PSYC353 Adult Psychopathology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Prerequisite: PSYC 100. Credit will be granted for only one of the following: PSYC 353 and PSYC 331 or PSYC 431. 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 1250) Gelso, C

PSYC354 Cross-Cultural Psychology; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: PSYC 100 plus 3 credits in psychology or permission of department. 3 credits
0101 MWF.....2:00pm- 2:50pm (ZOP 1236) Helms, J

PSYC355 Child Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Prerequisite: PSYC 100. Not open to students who have completed PSYC 333 or PSYC 433. 3 credits
0101 MWF.....2:00pm- 2:50pm (ZOP 1250) Plude, D

PSYC356 Psychology of Adolescence; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 355 or permission of department. 3 credits
0101 TuTh.....12:30pm- 1:45pm (ZOP 1243) Hall, W

PSYC361 Survey of Industrial and Organizational Psychology; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100. Students who have earned credit for PSYC 461 cannot also earn credit for PSYC 361. 3 credits
0101 TuTh.....12:30pm- 1:45pm (ZOP 1250) Gunnarson, S
0201 TuTh.....2:00pm- 3:15pm (ZOP 1238) Kidder, P

PSYC400 (PermReq) Experimental Psychology: Learning and Motivation; Grade Method: REG/P-F/AUD; Prerequisites: PSYC 200; completion of the departmentally required English, math and science supporting course sequence; and permission of department. Permission may be obtained in ZOP 1107. Department approval required after first week of classes. Waitlist is discontinued after first week of classes. 4 credits
0101 TuTh.....9:00am- 9:50am (ZOP 2283) Gollub, L
MTuThF....10:00am-10:50am (ZOP 4102) LAB
0102 TuTh.....9:00am- 9:50am (ZOP 2283) Gollub, L
MTuThF....11:00am-11:50am (ZOP 4102) LAB
0103 TuTh.....9:00am- 9:50am (ZOP 2283) Gollub, L
MTuThF....12:00pm-12:50pm (ZOP 4102) LAB
0104 TuTh.....9:00am- 9:50am (ZOP 2283) Gollub, L
MTuThF.....1:00pm- 1:50pm (ZOP 4102) LAB
0105 TuTh.....9:00am- 9:50am (ZOP 2283) Gollub, L
MTuThF.....2:00pm- 2:50pm (ZOP 4102) LAB
0106 TuTh.....9:00am- 9:50am (ZOP 2283) Gollub, L
MTuThF.....3:00pm- 3:50pm (ZOP 4102) LAB

PSYC403 Animal Behavior; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 206 or PYSC 301. 3 credits
0101 TuTh.....3:30pm- 4:45pm (ZOP 1236) Hodos, W

PSYC405 Applied Behavior Analysis; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 301. 3 credits
0101 MWF.....12:00pm-12:50pm (ZOP 1243) Gollub, L

PSYC410 (PermReq) Experimental Psychology: Sensory Processes I; Grade Method: REG/P-F/AUD; Prerequisites: PSYC 200; and completion of the English, math and science supporting course sequence; and permission of department. A student who has completed PSYC 310 must have permission of the instructor in order to register for PSYC 410. All others must obtain permission in ZOP 1107. Department approval required after first week of classes. Waitlist is discontinued after first week of classes. 4 credits
0101 TuTh.....11:00am-12:15pm (ZOP 2283) Larkin, W
F.....9:00am-11:00am (ZOP 0124) LAB
0102 TuTh.....11:00am-12:15pm (ZOP 2283) Larkin, W
F.....11:00am- 1:00pm (ZOP 0124) LAB

PSYC420 (PermReq) Experimental Psychology: Social Processes I; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 200; and PSYC 221; and completion of the English, math, and science supporting course sepuence; and permission of department. Permission may be obtained in ZOP 1107. Department approval is required after first week of classes. Waitlist is discontinued after the first week of classes. 4 credits
0101 M.....2:00pm- 4:00pm (ZOP 2283) Sigall, H
WF.....1:00pm- 3:00pm (ZOP 0147) LAB
0102 M.....2:00pm- 4:00pm (ZOP 2283) Sigall, H
WF.....3:00pm- 5:00pm (ZOP 0147) LAB
0103 M.....2:00pm- 4:00pm (ZOP 2283) Sigall, H
TuTh.....1:00pm- 3:00pm (ZOP 0147) LAB
0104 M.....2:00pm- 4:00pm (ZOP 2283) Sigall, H
TuTh.....3:00pm- 5:00pm (ZOP 0147) LAB
0201 TuTh.....1:00pm- 1:50pm (ZOP 2283) Kruglanski, A
WF.....9:00am-11:00am (ZOP 0147) LAB
0202 TuTh.....1:00pm- 1:50pm (ZOP 2283) Kruglanski, A
WF.....11:00am- 1:00pm (ZOP 0147) LAB
0203 TuTh.....1:00pm- 1:50pm (ZOP 2283) Kruglanski, A
TuTh.....9:00am-11:00am (ZOP 0147) LAB
0204 TuTh.....1:00pm- 1:50pm (ZOP 2283) Kruglanski, A
TuTh.....11:00am- 1:00pm (ZOP 0147) LAB

PSYC424 Communication and Persuasion; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 221 or equivalent. 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 1238) Mills Jr, J

PSYC436 Introduction to Clinical Psychology; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100. 3 credits
0101 MWF.....3:00pm- 3:50pm (ZOP 1243) STAFF

PSYC440 (PermReq) Experimental Psychology: Cognitive Processes; Grade Method: REG/P-F/AUD; Prerequisites: PSYC 100; and PSYC 200 or a statistics course from an approved departmental list; and completion of the departmentally required English, math and science supporting course sequence; and permission of department. Permission may be obtained in ZOP 1107. Department approval required after first week of classes. Waitlist is discontinued after the first week of classes. 4 credits
0101 MW.....11:00am-11:50am (ZOP 2283) Martin, J
M.....1:00pm- 5:00pm (ZOP 0124) LAB
0102 MW.....11:00am-11:50am (ZOP 2283) Martin, J
W.....1:00pm- 5:00pm (ZOP 0124) LAB

PSYC455 Life-Span Cognitive Development; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 355 or PSYC 341 or PSYC 440 or equivalent. 3 credits
0101 TuTh.....9:30am-10:45am (ZOP 1236) Johnson, J

PSYC457 Cultural Context of Psychological Development; Grade Method: REG/P-F/AUD; Prerequisite: (PSYC 355, or PSYC 356, or PSYC 357,) or permission of department. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 1236) Johnson, J

PSYC458 Applied Developmental Psychology; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (ZOP 1238) Torney-Purta, J

PSYC462 Engineering Psychology and Training Models; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 200 or equivalent; and PSYC 361 or permission of instructor. 3 credits
0101 MWF.....11:00am-11:50am (ZOP 1234) Anderson, N

PSYC465 Psychology of Organizational Processes; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 361 or equivalent. 3 credits
0101 M.....4:00pm- 7:00pm (ZOP 1236) Guzzo, R

PSYC466 Environmental and Ecological Psychology; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 200 or equivalent. 3 credits
0101 TuTh.....3:30pm- 4:45pm (ZOP 1243) Trickett, E

PSYC468H (PermReq) Field Experience and Special Assignments in Honors; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission may be obtained in ZOP 1107. 1-3 credits

PSYC469H (PermReq) Honors Thesis Proposal Preparation; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission may be obtained in ZOP 1107. 1-3 credits

PSYC478 (PermReq) Independent Study in Psychology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Information about independent study may be obtained in ZOP 1107. 1-3 credits

PSYC479 (PermReq) Special Research Problems in Psychology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Information about research credit may be obtained in ZOP 1107. 1-3 credits

PSYC498H Advanced Psychology II (Honors); Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....12:00pm- 2:30pm (ZOP 1232) Trickett, E

PSYC499H (PermReq) Honors Thesis Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of the thesis advisor. Permission may be obtained in ZOP 1107. 3 credits

Note: For all non-psychology graduate students, written permission of the instructor is required for all 600 courses and above.

PSYC602 Quantitative Methods; Grade Method: REG/AUD; Prerequisite: PSYC 200 and PSYC 601 or equivalent. 3 credits
0101 TuTh.....10:00am-12:00pm (ZOP 1103) Hanges, P

PSYC611 Advanced Developmental Psychology; Grade Method: REG/AUD; PSYC majors only. 3 credits
0101 W.....12:30pm- 3:00pm (ZOP 1103) Hall, W
Time and room to be arranged LAB

PSYC640 Fundamentals of Social Psychology; Grade Method: REG/AUD; PSYC majors only. 3 credits
0101 Tu.....3:00pm- 5:40pm (ZOP 3132) Sigall, H

PSYC660 Human Biopsychology; Grade Method: REG/AUD; 3 credits
0101 W.....9:00am-11:30am (ZOP 1103) Brauth, S

PSYC671 Advanced Topics in Human Learning; Grade Method: REG/AUD; PSYC majors only. 3 credits
0101 F.....10:00am- 1:00pm (ZOP 1103) Horton, D

PSYC702 Multivariate Analysis II; Grade Method: REG/AUD; Prerequisite: PSYC 701 or permission of department. 3 credits
0101 Tu.....9:00am-12:00pm (ZOP 1112) Ogrady, K

PSYC718 Research Issues in Clinical, Counseling, and Community Psychology; Grade Method: REG/AUD; 3 credits
0101 M.....9:00am-12:00pm (ZOP 1112) Helms, J
0201 F.....9:00am-12:00pm (Arranged) Zlotlow, S

PSYC719 Seminar in Clinical, Counseling, and Community Psychology; Grade Method: REG/AUD; PSYC majors only. 3 credits
0101 Tu.....12:30pm- 3:00pm (ZOP 1112) Alexander, P
0201 Th.....3:00pm- 5:30pm (ZOP 1103) Alexander, P

PSYC721 Seminar and Laboratory in Behavioral Assessment I; Grade Method: REG/AUD; Prerequisite: permission of department. This course must be taken concurrently with PSYC 722. 2 credits
0101 Tu.....9:00am-11:00am (ZOP 2109) Fretz, B

PSYC722 Seminar and Laboratory in Behavioral Assessment I; Grade Method: REG/AUD; Prerequisite: permission of department. This course must be taken concurrently with PSYC 721. 2 credits
0101 Th.....9:00am-11:00am (ZOP 2109) Fretz, B

PSYC723 Seminar and Laboratory in Behavioral Assessment II; Grade Method: REG/AUD; Prerequisite: permission of department. This course must be taken concurrently with PSYC 724. PSYC majors only. 2 credits
0101 M.....9:30am-12:00pm (Arranged) DIS Dies, R

PSYC724 Seminar and Laboratory in Behavioral Assessment II; Grade Method: REG/AUD; Prerequisite: permission of department. This course must be taken concurrently with PSYC 723. PSYC majors only. 2 credits
0101 W.....9:30am-11:30am (Arranged) Steele, R

PSYC728 Introductory Didactic-Practicum in Psychological Intervention; Grade Method: REG/AUD; PSYC majors only. 3 credits
0101 Tu.....9:00am- 1:00pm (Arranged) Brown, R
0201 W.....12:30pm- 3:00pm (Arranged) Coursey, R
0301 Tu.....9:30am-12:00pm (Arranged) Lorion, R
0401 M.....9:00am-12:00pm (Arranged) Ogrady, K

PSYC729 Advanced Didactic-Practicum in Psychological Intervention; Grade Method: REG/AUD; PSYC majors only. 3 credits
0101 Th.....1:00pm- 3:00pm (ZOP 1112) Gelso, C
Time and room to be arranged LAB

PSYC731 Training Procedures and Evaluation in Organizational Settings; Grade Method: REG/AUD; Prerequisite: PSYC 730. 3 credits
0101 Tu.....12:30pm- 3:00pm (ZOP 1103) Goldstein, I

PSYC738 Seminar in Industrial Psychology; Grade Method: REG/AUD; 3 credits
0101 M.....3:00pm- 5:30pm (ZOP 1103) Schneider, B
0201 Th.....2:00pm- 4:30pm (ZOP 3141) Klein, K

PSYC741 Attitude Change; Grade Method: REG/AUD; 3 credits
0101 M.....9:30am-12:00pm (ZOP 3132) Mills Jr, J

PSYC748 Seminar in Social Psychology; Grade Method: REG/AUD; PSYC majors only. 3 credits
0101 W.....4:00pm- 6:40pm (ZOP 3132) Stangor, C

PSYC749 Current Research in Social Psychology; Grade Method: REG/AUD; PSYC majors only. 1-3 credits
0101 M.....4:00pm- 6:40pm (ZOP 3132) Kruglanski, A

PSYC789 Special Research Problems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

PSYC798 Graduate Seminar; Grade Method: REG/AUD; 2 credits
0101 Time and room to be arranged Fretz, B

PSYC799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. For all non-PSYC graduate students, permission of instructor and department is required. 1-6 credits

PSYC818 Research Issues in Personality Or Development; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Plude, D

PSYC889 Research Methods in Psychology; Grade Method: REG/AUD; PSYC majors only. 1-3 credits
0101 Time and room to be arranged DIS M.....9:00am-11:00am (ZOP 1103) Klein, K
0201 Time and room to be arranged DIS W.....3:00pm- 5:00pm (ZOP 1112) Martin, J
0301 Time and room to be arranged DIS Fretz, B
0401 Time and room to be arranged DIS Hall, W

PSYC898 (PermReq)	Graduate Seminar; Grade Method: REG/AUD; Taught by Dr. William Hodos, Distinguished Scholar Teacher.		2 credits
0101	Th.....12:00pm- 2:30pm (ZOP 1103)	Hodos, W	
PSYC899	Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.		1-8 credits

---

PUAF Public Affairs (Public Affairs)

PUAF600 (PermReq)	Managerial Accounting; Grade Method: REG/AUD; Prerequisite: permission of department.		3 credits
0101	M.....4:00pm- 6:40pm (LEF 1208)	Fettus, S	
PUAF611 (PermReq)	Quantitative Analysis of Policy Issues; Grade Method: REG/AUD; Prerequisite: permission of department.		3 credits
0101	Th.....1:00pm- 3:30pm (ARM 0116)	Ards, S	
PUAF620 (PermReq)	Political Analysis; Grade Method: REG/AUD; Prerequisite: permission of department.		3 credits
0201	W.....4:00pm- 6:30pm (LEF 1208)	Schick, A	
PUAF640 (PermReq)	Microeconomic Theory and Policy Analysis; Grade Method: REG/AUD; Prerequisite: permission of department.		3 credits
0201	Tu.....7:00pm- 9:30pm (LEF 1208)	Powers, W	
PUAF641 (PermReq)	Macroeconomic Theory and Policy Analysis; Grade Method: REG/AUD; Prerequisite: permission of department.		3 credits
0101	Th.....7:00pm- 9:30pm (KEY 0126)	Marquez, J	
PUAF650 (PermReq)	Normative Analysis; Grade Method: REG/AUD; Prerequisite: permission of department.		3 credits
0101	MW.....9:00am-10:15am (LEF 1208)	Brown, P	
PUAF670 (PermReq)	Finance; Grade Method: REG/AUD; Prerequisite: permission of department.		3 credits
0101	MW.....10:30am-11:45am (LEF 1208)	Slater, S	
PUAF698B (PermReq)	Selected Topics in Public Affairs: Welfare, Health care and Affirmative Action; Grade Method: REG/AUD;		3 credits
0101	W.....1:00pm- 3:30pm (LEF 1208)	Galston, W	
PUAF698F (PermReq)	Selected Topics in Public Affairs: Housing Clinic; Grade Method: REG/AUD;		3 credits
0101	Time and room to be arranged	Slater, S	
PUAF698G	Selected Topics in Public Affairs: Contemporary issues and National Security; Grade Method: REG/AUD;		1-3 credits
0101	W.....4:00pm- 6:30pm (LEF 1221)	Elsworth, R	
PUAF698K	Selected Topics in Public Affairs: Seminar; Grade Method: REG/AUD;		3 credits
0101	W.....2:00pm- 4:30pm (JMZ 0125)	Lashley, M	
PUAF698M (PermReq)	Selected Topics in Public Affairs: Housing Development Overview; Grade Method: REG/AUD;		3 credits
0101	Tu.....4:00pm- 6:30pm (KEY 0126)	STAFF	
PUAF698N	Selected Topics in Public Affairs: Economic Analysis and International Security; Grade Method: REG/AUD;		3 credits
0101	Tu.....3:30pm- 6:00pm (TYD 1114)	McGuire, M	
PUAF698P (PermReq)	Selected Topics in Public Affairs: Introduction to Social Policy; Grade Method: REG/AUD;		3 credits
0101	M.....4:00pm- 6:30pm (LEF 1210)	Ards, S	
PUAF698R (PermReq)	Selected Topics in Public Affairs: The Science and Policy of Global Warming; Grade Method: REG/AUD;		3 credits
0101	M.....4:00pm- 6:30pm (KEY 0124)	Hedman, S	
PUAF698X (PermReq)	Selected Topics in Public Affairs: Public Sector Finance; Grade Method: REG/AUD;		3 credits
0101	W.....1:00pm- 3:30pm (JRN 1101)	Slater, S	
PUAF702 (PermReq)	Regulatory Analysis; Grade Method: REG/AUD; Prerequisite: permission of department.		3 credits
0101	W.....4:00pm- 6:30pm (LEF 2208)	Crandall, R	
PUAF704 (PermReq)	Productivity and Innovation; Grade Method: REG/AUD; Prerequisite: permission of department.		3 credits
0101	M.....1:00pm- 3:30pm (ZOP 1238)	Baily, M	
PUAF711 (PermReq)	Management Strategies in Public Organizations; Grade Method: REG/AUD; Prerequisite: permission of department.		3 credits
0101	M.....1:00pm- 3:30pm (LEF 1208)	Cronin, A	
PUAF714 (PermReq)	Advanced Financial Management; Grade Method: REG; Prerequisite: permission of department.		3 credits
0101	Th.....4:00pm- 6:30pm (LEF 1208)	Rhyne, B	
PUAF716 (PermReq)	State and Local Government Budgeting; Grade Method: REG/AUD; Prerequisite: permission of department.		3 credits
0101	Th.....7:00pm- 9:30pm (LEF 1222)	Rogers, J	
PUAF717 (PermReq)	Federal Budgeting: Policy and Process; Grade Method: REG/AUD; Prerequisite: permission of department. Credit will be granted for only one of the following: PUAF 757 or PUAF 717.		3 credits
0101	Th.....1:00pm- 3:30pm (LEF 1208)	Schick, A	
PUAF721 (PermReq)	Security Policy Agenda II; Grade Method: REG/AUD; Prerequisite: PUAF 720 and permission of department.		3 credits
0101	Tu.....1:00pm- 3:30pm (ZOP 1228)	Cronin, A	
PUAF723 (PermReq)	Ethics and National Security Policy; Grade Method: REG/AUD; Prerequisite: permission of department.		3 credits
0101	Th.....1:00pm- 3:30pm (GEO 1120)	Fullinwider, R	
PUAF725 (PermReq)	Science, Technology and National Security; Grade Method: REG/AUD; Prerequisite: permission of department.		3 credits
0101	Th.....4:00pm- 6:30pm (KEY 0124)	Fetter, S	
PUAF740 (PermReq)	Public Policy and the Environment; Grade Method: REG/AUD; Prerequisite: permission of department.		3 credits
0101	Th.....4:00pm- 6:30pm (KEY 0123)	Hedman, S	
PUAF752 (PermReq)	Tactics and Principles of Negotiation; Grade Method: REG/AUD; Prerequisite: permission of department.		3 credits
0101	Tu.....4:00pm- 6:30pm (LEF 1208)	Young, H	
PUAF754 (PermReq)	Operations Research Methods for Policy Analysts; Grade Method: REG/AUD; Prerequisites: PUAF 610; and PUAF 611; and permission of department.		3 credits
0101	Tu.....1:00pm- 3:30pm (LEF 1208)	Cohen, M	
PUAF780 (PermReq)	The American Foreign Policy-Making Process; Grade Method: REG/AUD; Prerequisite: permission of department.		3 credits
0101	TuTh.....10:45am-12:15pm (LEF 2123)	Destler, I	
PUAF790 (PermReq)	Project Course; Grade Method: REG/AUD; Prerequisite: permission of department.		3 credits
0101	Time and room to be arranged	Destler, I	
0201	Time and room to be arranged	Fetter, S	
0301	Time and room to be arranged	Rogers, J	
PUAF798B (PermReq)	Readings in Public Policy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.		1-3 credits

---

RECR Recreation (Phys Ed, Recr, & Health)

RECR130	Recreation and Leisure; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; All recreation majors enrolled in RECR 130 MUST enroll for RECR 489R at the same time.		3 credits
0101	TuTh.....9:30am-10:45am (PRH 1301)	Iso-Ahola, S	
RECR150	Camp Counseling; Grade Method: REG/P-F/AUD; Meets second eight weeks of term only. Schedule Adjustment Period is 3/27 - 3/31. $35.00 lab fee for field-based camping laboratory.		2 credits
0101	Meets 03/26/90 - 05/14/90 MW.....1:00pm- 1:50pm (PRH 0307) F.....1:00pm- 3:00pm (PRH 0307) LAB	Ketterer, A	
RECR200 (PermReq)	Sophomore Seminar; Grade Method: S-F; Prerequisite: permission of department. Limited to recreation majors only.		1 credit
0101	Th.....12:30pm- 1:45pm (PRH 0303)	Ward, V	
RECR270	Leisure Services and Special Populations; Grade Method: REG/P-F/AUD;		3 credits
0101	TuTh.....11:00am-12:15pm (PRH 0308)	Hillman, H	
RECR300 (PermReq)	Senior Seminar; Grade Method: REG; Prerequisite: permission of department. Limited to recreation majors.		1 credit
0101	Tu.....12:30pm- 1:45pm (PRH 0303) DIS	Annand, V	
RECR335	Recreation and Leisure; Grade Method: REG/P-F/AUD;		3 credits
0101	TuTh.....8:00am- 9:15am (PRH 1303)	Verhoven Jr., P	
RECR341 (PermReq)	Field Work II; Grade Method: REG; Prerequisites: RECR 300; and permission of department. Limited to recreation majors.		8 credits
0101	M.....5:30pm- 6:45pm (PRH 1302) LAB Time and room to be arranged LAB	Annand, V	
RECR350	Recreational Use of Natural Areas; Grade Method: REG/P-F/AUD;		3 credits
0101	MWF.....9:00am- 9:50am (PRH 0307)	Kuss, F	
RECR351	Nature Interpretation; Grade Method: REG/P-F/AUD;		3 credits
0101	TuTh.....2:00pm- 3:15pm (PRH 0303)	Kauffman, R	
RECR376	Case Study Laboratory; Grade Method: REG/P-F/AUD; Pre- or corequisite: RECR 375.		1 credit
0101	W.....3:00pm- 3:50pm (PRH 0307) LAB	Annand, V	
RECR386 (PermReq)	Field Work; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Advisor approval required before registration. This course meets twice during the semester. Contact the department for meeting dates and times on first day of semester.		1-3 credits
RECR387 (PermReq)	Field Work Analysis; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Advisor approval required before registration. This course meets twice during the semester. Contact the department for meeting dates and times on first day of semester.		1-3 credits
RECR410	Measurement and Evaluation in Recreation; Grade Method: REG/P-F/AUD; Prerequisite: RECR 130; or permission of department. At least 56 credits earned.		3 credits
0101	TuTh.....9:30am-10:45am (PRH 0307)	Kauffman, R	
RECR420	Program Planning and Analysis; Grade Method: REG/P-F/AUD; Prerequisite: RECR 130; or RECR 325. Recommended: RECR 220.		3 credits
0101	TuTh.....2:00pm- 3:15pm (PRH 1301)	Strobell, A	
RECR426	Industrial Employee Recreation; Grade Method: REG/P-F/AUD; Prerequisites: RECR 130; and RECR 335.		3 credits
0101	TuTh.....11:00am-12:15pm (PRH 0301)	Ward, V	
RECR432	Philosophy of Recreation; Grade Method: REG/P-F/AUD; Limited to recreation majors only. At least 56 credits earned.		3 credits
0101	MWF.....8:00am- 8:50am (PRH 0302)	Churchill, J	
RECR450	Camp Management; Grade Method: REG/P-F/AUD; Prerequisite: RECR 150; or permission of department.		3 credits
0101	TuTh.....12:30pm- 1:45pm (PRH 0308)	Verhoven Jr., P	
RECR454	Outdoor Education; Grade Method: REG/P-F/AUD;		3 credits
0101	MWF.....10:00am-10:50am (PRH 1302)	Kauffman, R	
RECR457	Concepts and Issues in Outdoor Recreation; Grade Method: REG/P-F/AUD;		3 credits
0101	M.....4:15pm- 6:45pm (PRH 0303)	Kuss, F	
RECR460	Leadership Techniques and Practices; Grade Method: REG/P-F/AUD; Prerequisite: RECR 130. At least 56 credits earned.		3 credits
0101	MWF.....10:00am-10:50am (PRH 0305)	Ward, V	
RECR463	Supervisory Techniques in Recreation; Grade Method: REG/P-F/AUD; Prerequisite: RECR 130; or RECR 325; or RECR 335.		3 credits
0101	Tu.....4:15pm- 6:45pm (PRH 0302)	Strobell, A	
RECR475	Problems in Therapeutic Recreation; Grade Method: REG/P-F/AUD; Prerequisite: RECR 375.		3 credits
0101	W.....4:15pm- 6:45pm (PRH 0305)	Annand, V	
RECR489 (PermReq)	Field Laboratory Projects and Workshop; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Advisor approval required before registration.		1-6 credits
RECR489A	Field Laboratory Projects and Workshop: Practicum in Leisure Services with the Aging; Grade Method: REG/P-F/AUD;		3 credits
0101	M.....1:00pm- 4:00pm (PRH 0303)	Skolnik, L	
RECR489R (PermReq)	Field Laboratory Projects and Workshop: Orientation to Leisure Services; Grade Method: REG; Limited to recreation majors. Must enroll for RECR 130 at the same time.		1 credit
0101	W.....3:00pm- 3:50pm (PRH 0301)	Churchill, J	
RECR490	Organization and Administration of Recreation; Grade Method: REG/P-F/AUD; At least 56 credits earned.		3 credits
0101	MWF.....11:00am-11:50am (PRH 0305)	Churchill, J	
RECR497	Recreation Resource and Facility Planning II; Grade Method: REG/AUD; Prerequisite: RECR 495; or permission of department.		3 credits
0101	Th.....4:15pm- 6:45pm (PRH 0305)	Lotspeich, S	
RECR498C	Special Topics in Recreation: Sign Language and Recreation for the Deaf; Grade Method: REG/P-F/AUD;		3 credits
0101	Tu.....4:15pm- 6:45pm (PRH 0308)	Oliva, G	
RECR498Y	Special Topics in Recreation: Computer Applications In Leisure Services; Grade Method: REG/P-F/AUD;		3 credits
0101	M.....7:00pm- 9:45pm (PRH 1304)	STAFF	
RECR613	Source Material Survey; Grade Method: REG/AUD;		3 credits
0101	W.....4:15pm- 6:45pm (PRH 0303)	Humphrey, F	
RECR633	Foundations of Recreation; Grade Method: REG/AUD; Prerequisite: permission of department. Required for all entering graduate students.		3 credits
0101	Th.....7:00pm- 9:45pm (PRH 0307)	Ward, V	
RECR634 (PermReq)	Modern Trends in Recreation; Grade Method: REG/AUD; RECR 633 must be taken prior to enrollment.		3 credits
0101	W.....7:00pm- 9:45pm (PRH 0307)	Mangum, B	
RECR687 (PermReq)	Advanced Seminar; Grade Method: REG/AUD; Prerequisite: permission of department. Repeatable to 3 credits.		1-3 credits
0101	Tu.....7:00pm- 9:45pm (PRH 0303)	Verhoven Jr., P	
RECR688 (PermReq)	Special Problems in Recreation; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Graduate students only. Must have consent of instructor prior to registration.		1-6 credits
RECR688Q	Special Problems in Recreation: Advanced Social Psychology of Leisure; Grade Method: REG/AUD;		3 credits
0101	Th.....4:15pm- 7:00pm (PRH 0307)	Iso-Ahola, S	
RECR799	Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.		1-6 credits
RECR899	Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.		1-8 credits

---

RTVF Radio Television and Film (Arts and Humanities)

RTVF222	Introduction to Radio, Television, and Film; Grade Method: REG/AUD;		3 credits
0101	MW.....2:00pm- 3:50pm (TWS 2154)	Pecora, N	
0201	TuTh.....11:00am-12:30pm (TWS 2154)	Brown, D	
	RTVF 222 and RTVF 223 (grades of 'C' or better) are prerequisites prior to enrollment in upper level broadcasting courses. RTVF 222 And RTVF 314 (grades of 'C' or better) are prerequisites prior to enrollment in all additional upper level film courses. Non-majors are required to obtain instructor's consent prior to enrollment in any upper level RTVF course. All students are limited to one production course per semester unless permission is obtained prior to registration.		
RTVF223	The Television Program: Planning and Management; Grade Method: REG/P-F/AUD; Prerequisite: RTVF 222.		3 credits
0101	TuTh.....9:30am-10:45am (TWS 2154) Tu.....11:00am-12:15pm (TWS 0138) LAB	Lancaster, D	
0102	TuTh.....9:30am-10:45am (TWS 2154) Th.....11:00am-12:15pm (TWS 0138) LAB	Lancaster, D	
0103	TuTh.....9:30am-10:45am (TWS 2154) Tu.....12:30pm- 1:45pm (TWS 0131) LAB	Lancaster, D	
0104	TuTh.....9:30am-10:45am (TWS 2154) Th.....12:30pm- 1:45pm (TWS 0131) LAB	Lancaster, D	
0105	TuTh.....9:30am-10:45am (TWS 2154) Tu.....2:00pm- 3:15pm (TWS 0131) LAB	Lancaster, D	
0106	TuTh.....9:30am-10:45am (TWS 2154) Th.....2:00pm- 3:15pm (TWS 0131) LAB	Lancaster, D	
RTVF302 (PermReq)	Beginning Sound Production; Grade Method: REG/P-F/AUD; Prerequisite: RTVF 223. Majors only.		3 credits
0101	Th.....2:00pm- 3:15pm (TWS 0147) TuTh.....9:30am-10:45am (TWS 0131) LAB	Widomski, M	
0102	Th.....2:00pm- 3:15pm (TWS 0147) TuTh.....11:00am-12:15pm (TWS 0131) LAB	Widomski, M	
RTVF314	Introduction to the Film; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 314 required for all additional upper level film courses.		3 credits
0101	Tu.....2:00pm- 4:45pm (TWS 2154) Th.....2:00pm- 3:15pm (TWS 2154)	Marchetti, G	
0201	M.....10:00am-12:50pm (TWS 2154) W.....10:00am-11:50am (TWS 2154)	Jutel, T	
RTVF317 (PermReq)	Introduction to Writing For Radio, Television, Film; Grade Method: REG/P-F/AUD; Prerequisites: RTVF 222. Majors only.		3 credits
0101	MWF.....2:00pm- 2:50pm (TWS 0138)	Robinson, E	
0201	MWF.....1:00pm- 1:50pm (TWS 0138)	Niven, H	
0301	TuTh.....9:30am-10:45am (TWS 0147)	Coustaut, C	
RTVF333 (PermReq)	Television and Children; Grade Method: REG/P-F/AUD;		3 credits
0101	MWF.....11:00am-11:50am (TWS 0147)	Pecora, N	
RTVF340 (PermReq)	Principles of Television Production Techniques; Grade Method: REG/P-F/AUD; Prerequisites: RTVF 223 and permission of department. Majors only.		3 credits
0101	M.....1:00pm- 1:50pm (TWS 2154) MW.....9:00am-10:50am (TWS 0117) LAB	Daso, D	
0102	M.....1:00pm- 1:50pm (TWS 2154) MW.....11:00am-12:50pm (TWS 0117) LAB	Daso, D	
0103	M.....1:00pm- 1:50pm (TWS 2154) TuTh.....9:00am-10:50am (TWS 0117) LAB	Daso, D	
0104	M.....1:00pm- 1:50pm (TWS 2154) TuTh.....11:00am-12:50pm (TWS 0117) LAB	Daso, D	
0105	M.....1:00pm- 1:50pm (TWS 2154) MW.....2:00pm- 3:50pm (TWS 0117) LAB	Daso, D	
RTVF351 (PermReq)	Television Programming; Grade Method: REG/P-F/AUD; Prerequisite: RTVF 223. Majors only.		3 credits
0101	TuTh.....12:30pm- 1:45pm (TWS 0138)	Blum, R	
RTVF356 (PermReq)	Film Production I, Introduction; Grade Method: REG/P-F; Prerequisites: for majors, RTVF 314 and permission of department; for non-majors, permission of department.		3 credits
0101	TuTh.....11:00am-12:15pm (TWS 2218)	Coustaut, C	
RTVF357 (PermReq)	Film Production II, Cinematography; Grade Method: REG/P-F; Prerequisites: RTVF 356 and permission of department.		3 credits
0101	TuTh.....2:00pm- 3:15pm (TWS 2218)	Coustaut, C	
RTVF384 (PermReq)	Field Work Experience; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of department. For RTVF majors only. Applications must be approved prior to registration. Grading satisfactory/fail only.		1-3 credits
RTVF385 (PermReq)	Field Work Analysis; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of department. For RTVF majors only. Applications must be approved prior to registration. Must be taken with RTVF 384.		1-3 credits
RTVF386 (PermReq)	Field Work; Grade Method: REG/P-F/AUD;		1-3 credits
1001	Time and room to be arranged	Robinson, E	
RTVF387 (PermReq)	Field Work Analysis; Grade Method: REG/P-F/AUD;		1-3 credits
1001	Time and room to be arranged	Robinson, E	
RTVF402 (PermReq)	Advanced Sound Production; Grade Method: REG/P-F/AUD; Prerequisites: RTVF 302 and permission of department. Majors only.		3 credits
0101	W.....4:00pm- 7:00pm (TWS 0131)	Lancaster, D	
RTVF413 (PermReq)	The History of the Film; Grade Method: REG/P-F/AUD; Recommended: RTVF 314. Majors only.		3 credits
0101	Tu.....3:30pm- 5:30pm (TWS 0147) Th.....3:30pm- 6:30pm (TWS 2154) LAB	Gomery, J	
RTVF420 (PermReq)	The Documentary Film; Grade Method: REG/P-F/AUD; Majors only.		3 credits
0101	TuTh.....11:00am-12:15pm (TWS 0147)	Weiss, G	
RTVF427 (PermReq)	Screenwriting for TV and Film II; Grade Method: REG; Prerequisites: RTVF 417 or equivalent; and permission of department.		3 credits
0101	Th.....4:00pm- 6:50pm (TWS 0131)	Blum, R	
RTVF440 (PermReq)	Television Direction; Grade Method: REG/P-F/AUD; Prerequisites: RTVF 340 and permission of department.		3 credits
0101	TuTh.....2:00pm- 4:45pm (TWS 0117)	Lancaster, D	
RTVF449 (PermReq)	Television Workshop; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Variable credit 1-3, repeatable to a maximum of 6 credits. Majors only.		1-3 credits
RTVF449E (PermReq)	Television Workshop: Electronic Editing; Grade Method: REG/P-F/AUD; Majors only.		3 credits
0101	MWF.....9:00am- 9:50am (TWS 0147)	Daso, D	
RTVF450 (PermReq)	Radio and Television Station Management; Grade Method: REG/P-F/AUD; Majors only.		3 credits
0101	MWF.....11:00am-11:50am (TWS 0138)	Kirkley Jr, D	
RTVF451 (PermReq)	Broadcast Criticism; Grade Method: REG/P-F/AUD; Majors only.		3 credits
0101	MWF.....10:00am-10:50am (TWS 0138)	Kirkley Jr, D	
RTVF452 (PermReq)	International and Comparative Broadcasting Systems; Grade Method: REG/P-F/AUD;		3 credits
0101	MWF.....1:00pm- 1:50pm (TWS 0147)	Ferguson, M	
RTVF453 (PermReq)	Broadcast Regulation; Grade Method: REG/P-F/AUD; Prerequisite: RTVF 223. Majors only.		3 credits

0101 M.....4:00pm- 6:40pm (TWS 0131) Patrick, W

RTVF456 Structure and Criticism of TV Advertising; Grade Method: REG/P-F/AUD; Prerequisites: RTVF 222; and RTVF 223; and RTVF 317. Majors only. 3 credits
0101 MW.....4:00pm- 5:15pm (TWS 0147) Robinson, E

RTVF498A (PermReq) Seminar; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Warrants must be approved prior to registration. Majors only. 3 credits

RTVF498C (PermReq) Seminar: West European Broadcasting; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....4:00pm- 6:30pm (TWS 2230) Brown, D

RTVF498I (PermReq) Seminar: History of Broadcasting; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....4:00pm- Pecora, N

RTVF601 (PermReq) Visual Communication; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....4:00pm- 6:45pm (TWS 0154) Aylward, T

RTVF617 (PermReq) Screenwriting II; Grade Method: REG; Prerequisites: RTVF 617 or equivalent; and permission of instructor. Permission of instructor required. 3 credits
0101 Tu.....4:00pm- 6:30pm (TWS 0138) Blum, R

RTVF629S (PermReq) Seminar in Film: Film and Cultural Studies; Grade Method: REG/AUD; 3 credits
0101 M.....3:00pm- 5:50pm (TWS 0154) Marchetti, G

RTVF648C (PermReq) Seminar in Broadcasting: West European Broadcasting; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:30pm (TWS 2230) Brown, D

RTVF648D Seminar in Broadcasting: Comparative Political Communication and the Management of the Media; Grade Method: REG/AUD; 3 credits
0101 W.....6:30pm- 8:30pm (TWS 0154) Ferguson, M
Time and room to be arranged LAB

RTVF649C (PermReq) Special Problems in Broadcasting: Media Economics; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:30pm- 9:30pm (TWS 0154) Gomery, J

RTVF649D (PermReq) Special Problems in Broadcasting: Current Issues in Documentary; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:30pm (TWS 0154) Weiss, G

RTVF699 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Warrants must be approved prior to registration. Majors only. 1-3 credits

RTVF799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

---

RUSS Russian (Arts and Humanities)

RUSS102 Elementary Russian II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: RUSS 101. Not open to native speakers of Russian. Course chairman: Dan E. Davidson. 5 credits
0101 MF.....9:00am- 9:50am (JMZ 2206) STAFF
W.....10:00am-10:50am (WDS 1114)
TuTh.....9:30am-10:45am (JMZ 3205) LAB
0102 MF.....10:00am-10:50am (COL 0102) STAFF
W.....10:00am-10:50am (COL 0102)
TuTh.....11:00am-12:15pm (HZF 1108) LAB
0201 MF.....12:00pm-12:50pm (JMZ 1120) STAFF
W.....12:00pm-12:50pm (JMZ 0105)
TuTh.....11:00am-12:15pm (JMZ 0120) LAB
0202 MF.....1:00pm- 1:50pm (JMZ 1122) STAFF
W.....12:00pm-12:50pm (JMZ 0105)
TuTh.....12:30pm- 1:45pm (JMZ 0208) LAB

RUSS202 Intermediate Russian II; Grade Method: REG/P-F/AUD; Prerequisite: RUSS 201. Not open to native speakers of Russian. Course chairman: William J. Schallert. 4 credits
0101 MWF.....12:00pm-12:50pm (JMZ 0120) STAFF
TuTh.....12:00pm-12:50pm (JMZ 2122)
0201 MWF.....11:00am-11:50am (JMZ 2206) STAFF
TuTh.....11:00am-11:50am (JMZ 2123)
0301 MWF.....11:00am-11:50am (JMZ 3207) STAFF
TuTh.....11:00am-11:50am (JMZ 1109)

RUSS210 Structural Description of Russian; Grade Method: REG/P-F/AUD; Pre- or corequisite: RUSS 201 or equivalent. 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 1109) Schallert, W

RUSS211 Applied Russian Phonetics; Grade Method: REG/P-F/AUD; Prerequisite: RUSS 102. Not open to native speakers of Russian. 3 credits
0101 MWF.....3:00pm- 3:50pm (JMZ 1122) Glad, J

RUSS281 Russian Language and Pre-Revolutionary Culture; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Not open to native speakers of Russian. 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 3205) Berry, T

RUSS302 Advanced Russian Grammar and Composition II; Grade Method: REG/P-F/AUD; Prerequisite: RUSS 301. 3 credits
0101 MWF.....10:00am-10:50am (HZF 1106) Hitchcock, D
0201 MWF.....11:00am-11:50am (COL 3112) Lekic, M

RUSS322 Survey of Russian Literature II; Grade Method: REG/P-F/AUD; Prerequisite: RUSS 321 or equivalent. 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 3203) Berry, T

RUSS328B 19th Century Russian Literature in Translation: From Dostoevsky to Chekhov; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 3205) Lekic, M

RUSS329 Soviet Literature in Translation; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 0120) Glad, J

RUSS381 Russian Civilization (in Russian) I; Grade Method: REG/P-F/AUD; Prerequisite: RUSS 202. 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 3207) Hitchcock, D

RUSS402 Practicum in Written Russian; Grade Method: REG/P-F/AUD; Prerequisite: RUSS 401 or equivalent. 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 3207) Hitchcock, D

RUSS404 Practicum in Spoken Russian; Grade Method: REG/P-F/AUD; Prerequisite: RUSS 403 or equivalent. 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 3207) Glad, J

RUSS405 Russian-English Translation; Grade Method: REG/P-F/AUD; Pre- or corequisite: RUSS 302 or equivalent. 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 3207) STAFF

RUSS409C Selected Topics in Russian Language Study: Business Russian; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 3207) Berry, T

RUSS412 Linguistic Analysis of Russian II; Grade Method: REG/P-F/AUD; Prerequisite: RUSS 411. 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 3203) Brecht, R

RUSS434 Soviet Russian Literature; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 3207) Lekic, M

RUSS679 Selected Topics in Russian: Linguistic Analysis Russian II; Grade Method: REG; 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 3203) Brecht, R

SLAV Slavic (Arts and Humanities)

SLAV499 Directed Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

---

SOCY Sociology (Behavior & Social Sci)

SOCY100 Introduction to Sociology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Serves as a prerequisite for other sociology courses. Sections 0401 and 0601 are taught through film and fiction. 3 credits
0101 MWF.....9:00am- 9:50am (ASY 3203) Voyadzis, C
0201 MWF.....10:00am-10:50am (ASY 3203) Lengermann, J
0301 MWF.....11:00am-11:50am (ASY 3203) Durand, D
0401 MWF.....12:00pm-12:50pm (ASY 3203) Formichella, C
0501 MWF.....10:00am-10:50am (ASY 1213) LeMoyne, T
0601 TuTh.....9:30am-10:45am (ARC 1105) Bakhshai, F
0701 TuTh.....12:30pm- 1:45pm (ARC 0204) Hirzel, R
0801 TuTh.....11:00am-12:15pm (ASY 2309) Hunt, L
0901 TuTh.....11:00am-12:15pm (ASY 3203) Pease, J

SOCY105 Introduction to Contemporary Social Problems; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Not open to students who have completed SOCY 210. Serves as prerequisite for other SOCY courses. 3 credits
0101 TuTh.....9:30am-10:45am (ASY 2203) Finsterbusch, K
0201 TuTh.....12:30pm- 1:45pm (ASY 2203) Finsterbusch, K

SOCY201 Introductory Statistics for Sociology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: SOCY 100 or SOCY 105 and MATH 110 or equivalent. 4 credits
0101 MWF.....11:00am-11:50am (ASY 1213) Segal, M
Tu.....8:00am-10:00am (ASY 3217) DIS
0102 MWF.....11:00am-11:50am (ASY 1213) Segal, M
Tu.....10:00am-12:00pm (ASY 3217) DIS
0103 MWF.....11:00am-11:50am (ASY 1213) Segal, M
Tu.....12:00pm- 2:00pm (ASY 3217) DIS
0104 MWF.....11:00am-11:50am (ASY 1213) Segal, M
Tu.....2:00pm- 4:00pm (ASY 3217) DIS
0105 MWF.....11:00am-11:50am (ASY 1213) Segal, M
Tu.....4:00pm- 6:00pm (ASY 3217) DIS
0201 TuTh.....2:00pm- 3:15pm (ASY 2309) Teachman, J
W.....8:00am-10:00am (ASY 3217) DIS
0202 TuTh.....2:00pm- 3:15pm (ASY 2309) Teachman, J
W.....10:00am-12:00pm (ASY 3217) DIS
0203 TuTh.....2:00pm- 3:15pm (ASY 2309) Teachman, J
W.....12:00pm- 2:00pm (ASY 3217) DIS
0204 TuTh.....2:00pm- 3:15pm (ASY 2309) Teachman, J
W.....2:00pm- 4:00pm (ASY 3217) DIS
0205 TuTh.....2:00pm- 3:15pm (ASY 2309) Teachman, J
W.....4:00pm- 6:00pm (ASY 3217) DIS

SOCY202 Introduction to Research Methods in Sociology; Grade Method: REG/P-F/AUD; Prerequisite: SOCY 201. 4 credits
0101 TuTh.....12:30pm- 1:45pm (ASY 1213) Henkel, R
M.....8:00am-10:00am (ASY 3217) DIS
0102 TuTh.....12:30pm- 1:45pm (ASY 1213) Henkel, R
M.....10:00am-12:00pm (ASY 3217) DIS
0103 TuTh.....12:30pm- 1:45pm (ASY 1213) Henkel, R
M.....12:00pm- 2:00pm (ASY 3217) DIS
0104 TuTh.....12:30pm- 1:45pm (ASY 1213) Henkel, R
M.....2:00pm- 4:00pm (ASY 3217) DIS
0105 TuTh.....12:30pm- 1:45pm (ASY 1213) Henkel, R
M.....4:00pm- 6:00pm (ASY 3217) DIS
0201 MWF.....9:00am- 9:50am (ASY 1213) Harper, G
Th.....8:00am-10:00am (ASY 3217) DIS
0202 MWF.....9:00am- 9:50am (ASY 1213) Harper, G
Th.....10:00am-12:00pm (ASY 3217) DIS
0203 MWF.....9:00am- 9:50am (ASY 1213) Harper, G
Th.....12:00pm- 2:00pm (ASY 3217) DIS
0204 MWF.....9:00am- 9:50am (ASY 1213) Harper, G
Th.....2:00pm- 4:00pm (ASY 3217) DIS
0205 MWF.....9:00am- 9:50am (ASY 1213) Harper, G
Th.....4:00pm- 6:00pm (ASY 3217) DIS

SOCY203 Sociological Theory; Grade Method: REG/P-F/AUD; Prerequisite: SOCY 100 or SOCY 105. Required for all SOCY majors. 3 credits
0101 MWF.....11:00am-11:50am (ASY 3207) Meeker, B
0201 TuTh.....2:00pm- 3:15pm (ASY 1213) Hunt, L

SOCY230 Sociological Social Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; No prerequisites. 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARC 1101) Hamilton, L
0201 MWF.....1:00pm- 1:50pm (ASY 3207) Meeker, B

SOCY300 American Society; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Fulfills upper level area B General University Requirement. Junior standing required; no other prerequisites. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 3203) Vanneman, R

SOCY325 Sex Roles; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....9:00am- 9:50am (ASY 2309) Aytac, I
0201 MWF.....12:00pm-12:50pm (ASY 1213) McIntyre, J

SOCY327 Introduction to the Study of Deviance; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Prerequisite: SOCY 100 or SOCY 105. Credit will be granted for only one of the following: SOCY 327 or SOCY 427. Area B upper level GUR credit. 3 credits
0101 MWF.....10:00am-10:50am (ASY 2309) Baxter, S
0201 MWF.....12:00pm-12:50pm (ASY 3207) Baxter, S

SOCY330 (PermReq) Community Organization; Grade Method: REG/P-F/AUD; Prerequisite: SOCY 100 or SOCY 105. 3 credits
0101 Time and room to be arranged Hirzel, R

SOCY343 Sociology of Marriage and Family; Grade Method: REG/P-F/AUD; Prerequisite: SOCY 100 or SOCY 105. 3 credits
0101 MWF.....10:00am-10:50am (ASY 3207) Zamani-Moghadam
0201 TuTh.....12:30pm- 1:45pm (ASY 3207) Landry, L

SOCY386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. To register, students must have departmental permission form signed by instructor and by Coordinator of Sociology Undergrad Program. SOCY 386 and 387 must be taken together. 1-3 credits

SOCY387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. To register, student must have departmental permission form signed by instructor and by Coordinator of Sociology Undergrad Program. Must be taken in conjunction with SOCY 386. 1-3 credits

SOCY389 (PermReq) Honors Thesis Research; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged STAFF

SOCY398C Special Topics in Sociology: Introduction to Computers for Social Scientists; Grade Method: REG/P-F/AUD; 1 credit
0101 W.....3:00pm- 4:30pm (ASY 1116) Wagner, M

SOCY398T (PermReq) Special Topics in Sociology; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged Hirzel, R

SOCY399 (PermReq) Independent Study in Sociology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: 12 hours sociology including at least one of the following: SOCY 201, 202, or 203. No more than 6 hours of 399 is allowed for credit. 1-6 credits

SOCY404 Methods of Quantitative Analysis; Grade Method: REG/P-F/AUD; Prerequisite: SOCY 202 or equivalent or permission of department. 3 credits
0101 TuTh.....9:30am-10:45am (ASY 3203) Henkel, R

SOCY411 Population II; Grade Method: REG/P-F/AUD; Prerequisite: SOCY 410 or permission of department. 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 3221) Kahn, J

SOCY425 Sex Roles and Social Institutions; Grade Method: REG/P-F/AUD; Prerequisite: SOCY 325 or permission of department. 3 credits
0101 MWF.....2:00pm- 2:50pm (ASY 3203) McIntyre, J

SOCY427 Deviant Behavior; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: SOCY 327 or 12 credits in sociology or permission of department. 3 credits
0101 MWF.....9:00am- 9:50am (ASY 2203) Canjar, R

SOCY430 Sociology of Personality; Grade Method: REG/P-F/AUD; Prerequisite: SOCY 100 or SOCY 105. 3 credits
0101 TuTh.....3:30pm- 4:45pm (ASY 3207) Dager, E

SOCY440 Sociology of the Self-Concept; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 3207) Rosenberg, M

SOCY441 Social Stratification and Inequality; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: SOCY 341 or permission of department. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 3207) Pease, J

SOCY443 The Family and Society; Grade Method: REG/P-F/AUD; Prerequisite: SOCY 343 or permission of department. 3 credits
0101 TuTh.....12:30pm- 1:45pm (ASY 3203) Kammeyer, K

SOCY457 Sociology of Law; Grade Method: REG/P-F/AUD; Prerequisite: SOCY 100 or SOCY 105. 3 credits
0101 TuTh.....9:30am-10:45am (ASY 3215) Hamilton, L

SOCY460 Sociology of Work; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: SOCY 331 or permission of department. 3 credits
0101 MWF.....12:00pm-12:50pm (ASY 3221) Lengermann, J

SOCY464 Military Sociology; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: SOCY 100 or SOCY 105. 3 credits
0101 TuTh.....9:30am-10:45am (ASY 3207) Segal, D

SOCY498C Selected Topics in Sociology: Sociology of Children; Grade Method: REG/P-F/AUD; 1-3 credits
0101 MWF.....2:00pm- 2:50pm (ASY 3207) Harper, G

SOCY498M Selected Topics in Sociology: Military Families; Grade Method: REG/P-F/AUD; Prerequisite: one of the following: SOCY 464, a course in family, military experience, or permission of instructor. 3 credits
0101 W.....3:30pm- 6:10pm (ASY 3203) Segal, M

SOCY498N Selected Topics in Sociology: Sociology of Nuclear War; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....11:00am-11:50am (ASY 2309) Canjar, R

SOCY602 Intermediate Procedures of Data Analysis; Grade Method: REG/AUD; Prerequisite: Undergraduate training in sociology research methods, statistics, and and theory of equivalent. 3 credits
0101 W.....6:30pm- 9:00pm (ASY 1117) Teachman, J

SOCY609 Practicum in Social Research: Comparative Methods; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:30pm- 9:00pm (ASY 4111) Clignet, R

SOCY621 Contemporary Sociological Theory; Grade Method: REG/AUD; Prerequisite: SOCY 203 or equivalent or permission of instructor. 3 credits
0101 Th.....3:30pm- 6:00pm (ASY 1117) Segal, D

SOCY634 Attitudes and Public Opinion; Grade Method: REG/AUD; 3 credits
0101 W.....3:30pm- 6:10pm (ASY 4111) Presser, S

SOCY641 Family Studies; Grade Method: REG/AUD; 3 credits
0101 Th.....6:30pm- 9:00pm (ASY 4111) Kammeyer, K

SOCY644 Work and the Family; Grade Method: REG/AUD; 3 credits
0101 M.....3:30pm- 6:10pm (ASY 4111) Presser, H

SOCY645 Sociology of the Self Concept; Grade Method: REG/AUD; 3 credits
0101 Tu.....3:30pm- 6:10pm (ASY 1117) Rosenberg, M

SOCY699 Special Social Problems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

SOCY699C Special Social Problems: Introduction to Computer for Social Science Majors; Grade Method: REG/AUD; 1 credit
0101 W.....3:00pm- 4:30pm (ASY 1116) Wagner, M

SOCY699P Special Social Problems: Sociology of Politics; Grade Method: REG/AUD; 3 credits
0101 W.....6:30pm- 9:00pm (ASY 4111) Neustadtl, A

SOCY699T Special Social Problems: Post Modern Social Theory; Grade Method: REG/AUD; 3 credits
0101 Th.....6:30pm- 9:10pm (ASY 1117) Brown, R

SOCY701 Issues in the Integration of Theory and Method; Grade Method: REG/AUD; Prerequisite: SOCY 401 or equivalent and at least two of the following: SOCY 402, SOCY 604, SOCY 605, SOCY 606, SOCY 607, SOCY 609, SOCY 702 or permission of instructor. 3 credits
0101 M.....3:30pm- 6:10pm (ASY 1117) Hage, J

SOCY719 Advanced Special Topics in Social Psychology: Social Psychology of Stratification; Grade Method: REG/AUD; 3 credits
0101 M.....6:30pm- 9:10pm (ASY 1117) Vanneman, R

SOCY728 Advanced Special Topics in Meta-theory; Grade Method: REG/AUD; 3 credits
0101 W.....3:30pm- 6:10pm (ASY 1117) Ritzer, G

SOCY759M Advanced Special Topics in Sociology of the Family: Military Families; Grade Method: REG/AUD; Prerequisite: one of the following: SOCY 464, a course in family, military experience or permission of instructor. 3 credits
0101 W.....3:30pm- 6:10pm (ASY 3203) Segal, M

SOCY789 Advanced Special Topics in Social Stratification; Grade Method: REG/AUD; 3 credits
0101 Th.....3:30pm- 6:10pm (ASY 4111) Landry, L

SOCY799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

SOCY829 Research Seminar in Sociological Theory; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Ritzer, G

SOCY839 Research Seminar in Organizations and Occupations; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Hage, J

SOCY849 Research Seminar in Demography; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Presser, H

SOCY858 Research Seminar in Sex Roles; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Hunt, J

SOCY859 Research Seminar in Sociology of the Family; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Kammeyer, K

SOCY869 Research Seminar in Military Sociology; 1 credit
Grade Method: REG/AUD;
0101 Time and room to be arranged Segal, D

SOCY889 Research Seminar in Social Stratification; 1 credit
Grade Method: REG/AUD;
0101 Time and room to be arranged Landry, L

SOCY899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

SPAN Spanish (Arts and Humanities)

Electronic laboratory for SPAN 101, 102, 102H, 103, 203, 203H will be scheduled after classes start.

SPAN101 Elementary Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Recommended for students without previous experience or who have completed Level 1 with grade of A or B or Level 2 with grade of C or below in high school. Students must present their high school transcript on the first day of class to assure proper placement. Exceptions will be granted for students with 5 years' lapse in study. For advising assistance, come to JMZ 2202. 4 credits

0101	MTuWF.....8:00am- 8:50am	(JMZ 1224)	STAFF
0201	MTuWF.....9:00am- 9:50am	(JMZ 1224)	STAFF
0301	MTuWF.....10:00am-10:50am	(JMZ 1224)	STAFF
0401	MTuWF.....11:00am-11:50am	(JMZ 1224)	STAFF
0501	MWF.....11:00am-11:50am	(JMZ 2207)	STAFF
	Tu.....11:00am-11:50am	(JMZ 1228)	
0601	MWF.....12:00pm-12:50pm	(JMZ 1226)	STAFF
	Tu.....12:00pm-12:50pm	(JMZ 1117)	
0701	MTuWF.....12:00pm-12:50pm	(JMZ 1224)	STAFF
0801	MTuWF.....1:00pm- 1:50pm	(JMZ 1226)	STAFF
0901	MTuWF.....2:00pm- 2:50pm	(JMZ 1224)	STAFF
1001	MWF.....3:00pm- 3:50pm	(JMZ 1120)	STAFF
	Tu.....3:00pm- 3:50pm	(JMZ 0204)	
1101	TuTh.....7:00pm- 9:00pm	(JMZ 1215)	STAFF

SPAN102 Elementary Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Recommended for students who have completed Level 2 with grade of A or B in high school or SPAN 101 at UMCP or the first semester of college Spanish at another institution. Students must present college and/or high school transcripts on the first day of class to assure proper placement. Exceptions must be approved in advance by the departmental advisor, JMZ 2202. 4 credits

0101	MWThF.....8:00am- 8:50am	(JMZ 0208)	STAFF
0201	MWThF.....9:00am- 9:50am	(JMZ 0208)	STAFF
0301	MWThF.....10:00am-10:50am	(JMZ 0208)	STAFF
0401	MWF.....11:00am-11:50am	(JMZ 0208)	STAFF
	Th.....11:00am-11:50am	(JMZ 0204)	
0501	MWF.....12:00pm-12:50pm	(JMZ 0208)	STAFF
	Th.....12:00pm-12:50pm	(JMZ 1224)	
0601	MWF.....1:00pm- 1:50pm	(JMZ 0208)	STAFF
	Th.....1:00pm- 1:50pm	(JMZ 1120)	
0701	MWThF.....2:00pm- 2:50pm	(JMZ 1103)	STAFF
0801	MWF.....3:00pm- 3:50pm	(JMZ 1103)	STAFF
	Th.....3:00pm- 3:50pm	(JMZ 0208)	
0901	MWF.....1:00pm- 1:50pm	(JMZ 1103)	STAFF
	Th.....1:00pm- 1:50pm	(JMZ 1226)	
1001	MW.....7:00pm- 9:00pm	(JMZ 1103)	STAFF

SPAN102H Elementary Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Recommended for students who have completed Level 2 with grade of A or B in high school or SPAN 101 at UMCP or the first semester of college Spanish at another institution. Recommended for students who meet the requirements for 102 with grades of A or B or who are eligible for a general or departmental honors program. See description of SPAN 102. Exceptions must be approved in advance by the departmental advisor, JMZ 2202. 4 credits

0101	MWThF.....9:00am- 9:50am	(JMZ 1211)	STAFF

SPAN103 Review of Elementary Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Recommended for students who have completed Level 2 with grade of A or B or Level 3 with grade of C or below in high school or the first semester of college Spanish at another institution. Limited exceptions may be granted for students with weak preparation or several years' lapse since the study in high school. Students must present high school and/or college transcripts on the first day of class to assure proper placement. Exceptions must be approved in advance by the departmental advisor, JMZ 2202. 4 credits

0101	MWThF.....9:00am- 9:50am	(JMZ 1117)	STAFF
0201	Th.....10:00am-10:50am	(JMZ 1117)	STAFF
	MWF.....10:00am-10:50am	(JMZ 2207)	
0301	MWF.....11:00am-11:50am	(HZF 1108)	STAFF
	Th.....11:00am-11:50am	(JMZ 1226)	
0401	MWThF.....12:00pm-12:50pm	(JMZ 1117)	STAFF
0501	MWThF.....1:00pm- 1:50pm	(JMZ 1117)	STAFF
0601	MWF.....2:00pm- 2:50pm	(JMZ 1120)	STAFF
	Th.....2:00pm- 2:50pm	(JMZ 1224)	
0701	MWF.....3:00pm- 3:50pm	(JMZ 1215)	STAFF
	Th.....3:00pm- 3:50pm	(JMZ 0204)	

SPAN203 Intermediate Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Reommended for students who have completed Level 3 with grade of A or B or Level 4 with grade of C or below in high school, or the first and second semesters of college Spanish. Students must present their high school and/or college transcripts on the first day of class in order to assure proper placement. Exceptions must be approved in advance by the departmental advisor, JMZ 2202. 4 credits

0101	MWF.....8:00am- 8:50am	(JMZ 1215)	STAFF
	Tu.....8:00am- 8:50am	(JMZ 1215)	
0201	MWF.....9:00am- 9:50am	(JMZ 2207)	STAFF
	Tu.....9:00am- 9:50am	(JMZ 1117)	
0301	MTuWF.....10:00am-10:50am	(JMZ 1117)	STAFF
0401	MWF.....10:00am-10:50am	(JMZ 1120)	STAFF
	Tu.....10:00am-10:50am	(JMZ 0103)	
0501	MWF.....11:00am-11:50am	(JMZ 1215)	STAFF
	Tu.....11:00am-11:50am	(JMZ 1103)	
0601	MTuWF.....11:00am-11:50am	(JMZ 1117)	STAFF
0701	MWF.....12:00pm-12:50pm	(JMZ 1215)	STAFF
	Tu.....12:00pm-12:50pm	(JMZ 1120)	
0801	MWF.....12:00pm-12:50pm	(JMZ 1103)	STAFF
	Tu.....12:00pm-12:50pm	(JMZ 1226)	
0901	MWF.....1:00pm- 1:50pm	(JMZ 1215)	STAFF
	Tu.....1:00pm- 1:50pm	(JMZ 1117)	
1001	MTuWF.....1:00pm- 1:50pm	(JMZ 1224)	STAFF
1101	MWF.....2:00pm- 2:50pm	(JMZ 1215)	STAFF
	Tu.....2:00pm- 2:50pm	(JMZ 0208)	
1201	MW.....7:00pm- 9:00pm	(JMZ 2207)	STAFF
1301	MTuWF.....3:00pm- 3:50pm	(JMZ 1226)	STAFF

SPAN203H Intermediate Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Reommended for students who have completed Level 3 with grade of A or B or Level 4 with grade of C or below in high school, or the first and second semesters of college Spanish. Recommended for students who meet the requirements for SPAN 203 with grades of A or B or who are eligible for a general or departmental honors program. See description of SPAN 203. Exceptions must be approved in advance by the departmental advisor, JMZ 2202. 4 credits

0101	MTuWF.....10:00am-10:50am	(JMZ 1125)	STAFF

SPAN204 Review of Oral and Written Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Recommended for students who have completed SPAN 203 at UMCP, or third semester college Spanish at another institution, or Level 4 with grade of A or B in high school. Students must present their high school transcripts on the first day of class in order to assure proper placement. May be taken with SPAN 205 and/or SPAN 221. Formerly SPAN 201. Section 0301 is recommended for native Spanish speakers only. 3 credits

0101	TuTh.....9:30am-10:45am	(JMZ 2207)	STAFF
0201	TuTh.....11:00am-12:15pm	(JMZ 1122)	STAFF
0301	TuTh.....2:00pm- 3:15pm	(JMZ 0122)	Downey-Vanover,
0401	TuTh.....12:30pm- 1:45pm	(JMZ 1122)	STAFF
0501	TuTh.....12:30pm- 1:45pm	(JMZ 1104)	STAFF

SPAN205 Intermediate Conversation; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: SPAN 203 or SPAN 203H or permission of department. Not open to native speakers. May be taken concurrently with SPAN 204 and SPAN 22. 3 credits

0101	MWF.....9:00am- 9:50am	(JMZ 1120)	STAFF
0201	MWF.....10:00am-10:50am	(JRN 1101)	STAFF
0301	MWF.....11:00am-11:50am	(JMZ 1120)	STAFF

SPAN221 Readings in Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Prerequisite: SPAN 204. May be taken with SPAN 204 and/or SPAN 205. 3 credits

0101	TuTh.....9:30am-10:45am	(JMZ 1120)	STAFF
0201	TuTh.....11:00am-12:15pm	(JMZ 1215)	STAFF

SPAN301 Review Grammar and Composition; Grade Method: REG/P-F/AUD; Prerequisite: SPAN 204 or equivalent. 3 credits

0101	TuTh.....9:30am-10:45am	(JMZ 1103)	STAFF
0201	TuTh.....11:00am-12:15pm	(JMZ 2207)	STAFF

SPAN302 Review Grammar and Composition; Grade Method: REG/P-F/AUD; Prerequisite: SPAN 301 or equivalent. 3 credits

0101	TuTh.....8:00am- 9:15am	(JMZ 0120)	STAFF
0201	TuTh.....9:30am-10:45am	(JMZ 0120)	STAFF

SPAN311 Advanced Conversation I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: SPAN 204 or SPAN 205 or permission of department. Not open to native speakers. 3 credits

0101	MWF.....9:00am- 9:50am	(JMZ 1103)	STAFF
0201	MWF.....10:00am-10:50am	(JMZ 1103)	STAFF
0301	MWF.....11:00am-11:50am	(JMZ 2125)	STAFF

SPAN312 Advanced Conversation II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: SPAN 205 or SPAN 311 or permission of department. Not open to native speakers. 3 credits

0101	TuTh.....11:00am-12:15pm	(JMZ 2102)	STAFF

SPAN315 Commercial Spanish; Grade Method: REG/P-F/AUD; Prerequisite: SPAN 301 or equivalent or permission of department. 3 credits

0101	MWF.....10:00am-10:50am	(ARM 0120)	STAFF

SPAN317 Practicum in Translation II; Grade Method: REG/P-F/AUD; Prerequisite: SPAN 316 or permission of department. 3 credits

0101	MWF.....10:00am-10:50am	(JMZ 1215)	STAFF

SPAN318D Translation of Technical Texts: Diplomatic Relations; Grade Method: REG/P-F/AUD; 3 credits

0101	MWF.....11:00am-11:50am	(COL 0102)	STAFF

SPAN322 Survey of Spanish Literature: 18th-20th Century; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits

0101	TuTh.....9:30am-10:45am	(JMZ 2120)	Zappala, M

SPAN324 Survey of Spanish-American Literature II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits

0101	MWF.....12:00pm-12:50pm	(JMZ 2207)	Sanjines, J
0201	TuTh.....9:30am-10:45am	(JMZ 1226)	STAFF

SPAN347 Latin American Civilization II; Grade Method: REG/P-F/AUD; 3 credits

0101	TuTh.....11:00am-12:15pm	(ARC 1103)	Aguilar-Mora, J

SPAN386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SPAN387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SPAN399 (PermReq) Independent Study in Spanish; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Previous permission by the instructor is required for enrollment in this course. 1-3 credits

SPAN402 Advanced Composition; Grade Method: REG/P-F/AUD; 3 credits

0101	MWF.....11:00am-11:50am	(JMZ 1103)	STAFF

SPAN408 Great Themes of the Hispanic Literatures: Obras Maestras de la Edad Media; Grade Method: REG/P-F/AUD; 3 credits

0101	TuTh.....9:30am-10:45am	(JMZ 1104)	Benito-Vessels,

SPAN408A Great Themes of the Hispanic Literatures: Poesia del Siglo XX; Grade Method: REG/P-F/AUD; 3 credits

0101	TuTh.....2:00pm- 3:15pm	(JMZ 1215)	Sarlo, B

SPAN409 Great Themes of the Hispanic Literatures: Literatura Colonial; Grade Method: REG/P-F/AUD; 3 credits

0101	W.....2:00pm- 4:30pm	(JMZ 0208)	Rabasa, J

SPAN409A Great Themes of the Hispanic Literatures: Travel Stories, The Exotic and the Fantastic; Grade Method: REG/P-F/AUD; 3 credits

0101	MWF.....11:00am-11:50am	(JMZ 2102)	Zappala, M

SPAN421 Prose of the 16th Century; Grade Method: REG/P-F/AUD; Prerequisite: SPAN 321 or equivalent. 3 credits

0101	MWF.....12:00pm-12:50pm	(JMZ 1104)	Zappala, M

SPAN489 Spanish-American Fiction: La Novela Indigenista; Grade Method: REG/P-F/AUD; 3 credits

0101	MWF.....1:00pm- 1:50pm	(JMZ 1120)	Sanjines, J

SPAN608 Medieval Spanish Literature; Grade Method: REG/AUD; 3 credits

0101	Th.....4:30pm- 7:00pm	(JMZ 1226)	Benito-Vessels,

SPAN699 (PermReq) Independent Study in Spanish; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SPAN718 The Nineteenth Century; Grade Method: REG/AUD; 3 credits

0101	Tu.....4:30pm- 7:00pm	(JMZ 1103)	STAFF

SPAN799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

SPAN809 Colonial Spanish American Literature: De la cronica a la novela; Grade Method: REG/AUD; 3 credits

0101	M.....4:30pm- 7:00pm	(JMZ 0208)	Rabasa, J

SPAN818 National Spanish-American Literature: Temas Hispanoamericanos; Grade Method: REG/AUD; 3 credits

0101	Th.....4:30pm- 7:00pm	(JMZ 0208)	Sarlo, B

SPAN819 National Spanish American Literature: Romanticismo; Grade Method: REG/AUD; 3 credits

0101	Tu.....4:30pm- 7:00pm	(JMZ 2122)	Aguilar-Mora, J

SPAN898 Open Seminar: Un acercamiento cognitivo a la poetica; Grade Method: REG/AUD; 3 credits

0101	W.....4:30pm- 7:00pm	(JMZ 1117)	Uriagereka, J

SPAN899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

SPCH Speech (Arts and Humanities)

(See also THET and RTVF)

SPCH100 Basic Principles of Speech Communication; Grade Method: REG/P-F/AUD; Credit will be granted for only one of the following: SPCH 100 or SPCH 107. (Course chairperson - Dean). Labs will meet the first week of class. Attendance on the first day of classes is mandatory. 3 credits

0101	M.....2:00pm- 2:50pm	(ZOP 1240)	STAFF
	MW.....9:00am- 9:50am	(ZOP 1232)	DIS
0102	MW.....2:00pm- 2:50pm	(ZOP 1240)	STAFF
	M.....10:00am-10:50am	(ZOP 1232)	DIS
0103	MW.....2:00pm- 2:50pm	(ZOP 1240)	STAFF
	M.....11:00am-11:50am	(ZOP 1232)	DIS
0104	MW.....2:00pm- 2:50pm	(ZOP 1240)	STAFF
	M.....1:00pm- 1:50pm	(ZOP 1240)	DIS
0105	MW.....2:00pm- 2:50pm	(ZOP 1240)	STAFF
	Tu.....10:00am-10:50am	(ZOP 1232)	DIS
0106	MW.....2:00pm- 2:50pm	(ZOP 1240)	STAFF
	Tu.....11:00am-11:50am	(ZOP 1228)	DIS
0107	MW.....2:00pm- 2:50pm	(ZOP 1240)	STAFF
	Tu.....12:00pm-12:50pm	(JMZ 0118)	DIS
0108	MW.....2:00pm- 2:50pm	(ZOP 1240)	STAFF
	W.....10:00am-10:50am	(ZOP 1124)	DIS
0109	MW.....2:00pm- 2:50pm	(ZOP 1240)	STAFF
	W.....11:00am-11:50am	(COL 0104)	DIS
0110	MW.....2:00pm- 2:50pm	(ZOP 1240)	STAFF
	Th.....10:00am-10:50am	(JMZ 2125)	DIS
0111	MW.....2:00pm- 2:50pm	(ZOP 1240)	STAFF
	Th.....11:00am-11:50am	(COL 3110)	DIS
0112	MW.....2:00pm- 2:50pm	(ZOP 1240)	STAFF
	Th.....11:00am-11:50am	(ZOP 1124)	DIS
0113	MW.....2:00pm- 2:50pm	(ZOP 1240)	STAFF
	Th.....12:00pm-12:50pm	(JMZ 0122)	DIS
0114	MW.....2:00pm- 2:50pm	(ZOP 1240)	STAFF
	Th.....12:00pm-12:50pm	(JMZ 1120)	DIS
0115	MW.....2:00pm- 2:50pm	(ZOP 1240)	STAFF
	F.....11:00am-11:50am	(COL 0100)	DIS
0201	MW.....3:00pm- 3:50pm	(ZOP 1240)	STAFF
	M.....11:00am-11:50am	(COL 0100)	DIS
0202	MW.....3:00pm- 3:50pm	(ZOP 1240)	STAFF
	Tu.....9:00am- 9:50am	(ZOP 1232)	DIS
0203	MW.....3:00pm- 3:50pm	(ZOP 1240)	STAFF
	M.....12:00pm-12:50pm	(COL 0100)	DIS
0204	MW.....3:00pm- 3:50pm	(ZOP 1240)	STAFF
	W.....1:00pm- 1:50pm	(TWS 0131)	DIS
0205	MW.....3:00pm- 3:50pm	(ZOP 1240)	STAFF
	M.....1:00pm- 1:50pm	(ZOP 1228)	DIS
0206	MW.....3:00pm- 3:50pm	(ZOP 1240)	STAFF
	Tu.....12:00pm-12:50pm	(ZOP 1124)	DIS
0207	MW.....3:00pm- 3:50pm	(ZOP 1240)	STAFF
	Tu.....1:00pm- 1:50pm	(ZOP 1124)	DIS
0208	MW.....3:00pm- 3:50pm	(ZOP 1240)	STAFF
	W.....11:00am-11:50am	(COL 0100)	DIS
0209	MW.....3:00pm- 3:50pm	(ZOP 1240)	STAFF
	W.....12:00pm-12:50pm	(COL 0100)	DIS
0210	MW.....3:00pm- 3:50pm	(ZOP 1240)	STAFF
	Th.....2:00pm- 2:50pm	(JMZ 1226)	DIS
0211	MW.....3:00pm- 3:50pm	(ZOP 1240)	STAFF
	F.....9:00am- 9:50am	(ASY 3217)	DIS
0212	MW.....3:00pm- 3:50pm	(ZOP 1240)	STAFF
	F.....10:00am-10:50am	(ASY 3219)	DIS
0213	MW.....3:00pm- 3:50pm	(ZOP 1240)	STAFF
	F.....11:00am-11:50am	(COL 0104)	DIS
0214	MW.....3:00pm- 3:50pm	(ZOP 1240)	STAFF
	F.....12:00pm-12:50pm	(COL 0100)	DIS
0215	MW.....3:00pm- 3:50pm	(ZOP 1240)	STAFF
	F.....1:00pm- 1:50pm	(TWS 1204)	DIS

SPCH107 Technical Speech Communication; Grade Method: REG/P-F/AUD; Credit will be granted for only one of the following: SPCH 100 or SPCH 107. (Course chairperson - Wolvin). Attendance on the first day of classes is mandatory. 3 credits

0101	MWF.....8:00am- 8:50am	(TWS 2212)	STAFF
0201	MWF.....8:00am- 8:50am	(TWS 2230)	STAFF
0301	MWF.....8:00am- 8:50am	(TWS 1202)	STAFF
0401	MWF.....9:00am- 9:50am	(TWS 2230)	STAFF
0501	MWF.....9:00am- 9:50am	(TWS 2212)	STAFF
0601	MWF.....9:00am- 9:50am	(TWS 1202)	STAFF
0701	MWF.....10:00am-10:50am	(TWS 2212)	STAFF
0801	MWF.....10:00am-10:50am	(TWS 2230)	STAFF
0901	MWF.....11:00am-11:50am	(TWS 2212)	STAFF
1001	MWF.....11:00am-11:50am	(TWS 2230)	STAFF
1101	MWF.....11:00am-11:50am	(TWS 2228)	STAFF
1201	MWF.....12:00pm-12:50pm	(TWS 2230)	STAFF
1301	MWF.....12:00pm-12:50pm	(TWS 1204)	STAFF
1401	MWF.....1:00pm- 1:50pm	(TWS 2212)	STAFF
1501	MWF.....1:00pm- 1:50pm	(TWS 2230)	STAFF
1601	MWF.....2:00pm- 2:50pm	(TWS 0135)	STAFF
1701	MWF.....2:00pm- 2:50pm	(TWS 2230)	STAFF
1801	MWF.....3:00pm- 3:50pm	(TWS 2228)	STAFF
1901	TuTh.....8:00am- 9:15am	(TWS 2228)	STAFF
2001	TuTh.....8:00am- 9:15am	(TWS 1204)	STAFF
2101	TuTh.....9:30am-10:45am	(TWS 2228)	STAFF
2201	TuTh.....9:30am-10:45am	(TWS 1204)	STAFF
2301	TuTh.....9:30am-10:45am	(TWS 0138)	STAFF
2401	TuTh.....11:00am-12:15pm	(TWS 0135)	STAFF
2501	TuTh.....11:00am-12:15pm	(TWS 2212)	STAFF
2601	TuTh.....12:30pm- 1:45pm	(TWS 2212)	STAFF
2701	TuTh.....12:30pm- 1:45pm	(TWS 2228)	STAFF
2801	TuTh.....12:30pm- 1:45pm	(TWS 1202)	STAFF
2901	TuTh.....2:00pm- 3:15pm	(TWS 2230)	STAFF
3001	TuTh.....2:00pm- 3:15pm	(TWS 1204)	STAFF
3101	TuTh.....2:00pm- 3:15pm	(TWS 1202)	STAFF
3201	TuTh.....3:30pm- 4:45pm	(TWS 1204)	STAFF

SPCH107L (PermReq) Technical Speech Communication; Grade Method: REG/P-F/AUD; Credit will be granted for only one of the following: SPCH 100 or SPCH 107. Enrollment by permission of Arts and Humanities Dean. Attendance on the first day of classes is mandatory. 3 credits

0101	TuTh.....2:00pm- 3:15pm	(TWS 2228)	Napolitano, C

SPCH125 Introduction to Interpersonal Communication; Grade Method: REG/P-F/AUD; (Course chairperson - Edgar). Attendance on the first day of classes is mandatory. 3 credits

0101	MWF.....9:00am- 9:50am	(TWS 1204)	STAFF
0201	MWF.....10:00am-10:50am	(TWS 1204)	STAFF
0301	MWF.....11:00am-11:50am	(TWS 1202)	STAFF
0401	MWF.....12:00pm-12:50pm	(TWS 1202)	STAFF
0501	MWF.....1:00pm- 1:50pm	(TWS 1202)	STAFF
0601	MWF.....2:00pm- 2:50pm	(TWS 1202)	STAFF
0701	TuTh.....9:30am-10:45am	(TWS 1202)	STAFF
0801	TuTh.....11:00am-12:15pm	(TWS 1202)	STAFF

SPCH200 Advanced Public Speaking; Grade Method: REG/P-F/AUD; Prerequisite: SPCH 100 or SPCH 107 or permission of department. Attendance on the first day of classes is mandatory. 3 credits

0101	TuTh.....11:00am-12:15pm	(TWS 2230)	Sullivan, L
0201	TuTh.....12:30pm- 1:45pm	(TWS 1204)	Sullivan, L
0301	MWF.....10:00am-10:50am	(TWS 0135)	Carter-Ferrier,
0401	MWF.....11:00am-11:50am	(TWS 0131)	Carter-Ferrier,

SPCH220 Small Group Discussion; Grade Method: REG/P-F/AUD; Attendance on the first day of classes is mandatory. 3 credits

0101	MWF.....1:00pm- 1:50pm	(TWS 2228)	Disburg, J
0201	MWF.....2:00pm- 2:50pm	(TWS 2228)	Disburg, J

SPCH222 Interviewing; Grade Method: REG/P-F/AUD; Prerequisite: permission of department. Attendance on the first day of classes is mandatory. 3 credits

0101	TuTh.....9:30am-10:45am	(ASY 3219)	Ford, W

SPCH230 Argumentation and Debate; Grade Method: REG; Attendance on the first day of classes is mandatory. 3 credits

0101	MW.....8:00am- 9:15am	(TWS 2228)	Weese, E
0201	MW.....2:00pm- 3:15pm	(TWS 2212)	Black, D
0301	MW.....3:30pm- 4:45pm	(TWS 1202)	Black, D
0401	TuTh.....9:30am-10:45am	(JRN 1103)	Wozny, M
0501	TuTh.....11:00am-12:15pm	(TWS 2228)	Wozny, M
0601	TuTh.....12:30pm- 1:45pm	(TWS 2230)	Black, D
0701	TuTh.....2:00pm- 3:15pm	(TWS 2212)	Black, D
0801	TuTh.....3:30pm- 4:45pm	(TWS 2228)	Levasseur, D

SPCH383 Urban Communication; Grade Method: REG/P-F/AUD; Attendance on the first day of classes is mandatory. 3 credits

0101	W.....7:00pm- 9:45pm	(TWS 0138)	Niles, L

SPCH386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; 1-3 credits

0701	Time and room to be arranged		Klumpp, J

SPCH387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; 1-3 credits

0701	Time and room to be arranged	Klumpp, J
SPCH400 (PermReq)	Research Methods in Speech Communication; Grade Method: REG/P-F/AUD; Prerequisite: introductory course in statistics or permission of department. Recommended: SPCH 350. Attendance on the first day of classes is mandatory.	3 credits
0101	TuTh.....2:00pm- 3:15pm (ARC 1105)	Freimuth, V
SPCH401 (PermReq)	Foundations of Rhetoric; Grade Method: REG/P-F/AUD; Prerequisite: SPCH 200. Attendance on the first day of classes is mandatory.	3 credits
0101	MW.....2:00pm- 3:15pm (ASY 1213)	Gaines, R
SPCH402	Communication Theory and Process; Grade Method: REG/P-F/AUD; Recommended: SPCH 350. Attendance on the first day of classes is mandatory.	3 credits
0101	TuTh.....12:30pm- 1:45pm (COL 3109)	Chang, H
SPCH424 (PermReq)	Communication in Complex Organizations; Grade Method: REG/P-F/AUD; Prerequisite: SPCH 400 or permission of department. Attendance on the first day of classes is mandatory.	3 credits
0101	W.....4:00pm- 6:45pm (TWS 0135)	Falcione, R
0201	TuTh.....3:30pm- 4:45pm (TWS 2230)	Chang, H
SPCH460	American Public Address 1635-1900; Grade Method: REG/P-F/AUD; Prerequisite: SPCH 401 or permission of department. Attendance on the first day of classes is mandatory.	3 credits
0101	MW.....11:00am-12:15pm (ASY 3215)	Klumpp, J
SPCH472	Theories of Nonverbal Communication; Grade Method: REG/P-F/AUD; Prerequisite: SPCH 400 or permission of department. Attendance on the first day of classes is mandatory.	3 credits
0101	TuTh.....9:30am-10:45am (ARC 1101)	Chang, H
SPCH488 (PermReq)	Speech Communication Internship; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.	1-3 credits
SPCH489 (PermReq)	Topical Research: Speech Communication Workshop; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.	1-3 credits
SPCH498 (PermReq)	Seminar; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.	3 credits
SPCH601	Historical-Critical Research in Speech Communication; Grade Method: REG/AUD; There will be one additional hour of discussion per week to be arranged.	3 credits
0101	MW.....2:00pm- 3:15pm (TWS 0147)	Gaines, R
SPCH680	Speech Communication Programs in Education and Training; Grade Method: REG/AUD;	3 credits
0101	Th.....4:00pm- 6:45pm (TWS 2212)	Wolvin, A
SPCH688 (PermReq)	Speech Communication Field Experience; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.	1-6 credits
SPCH698	Special Problems in Speech Communication; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.	3 credits
SPCH698D	Special Problems in Speech Communication: Diffusion of Innovations; Grade Method: REG/AUD;	3 credits
0101	Tu.....4:00pm- 6:45pm (TWS 0131)	Freimuth, V
SPCH724	Seminar in Organizational Communication; Grade Method: REG/AUD; Prerequisite: permission of instructor.	3 credits
0101	Th.....7:00pm- 9:45pm (TWS 0131)	Falcione, R
SPCH758	Seminar in Rhetorical Theory: Argumentation; Grade Method: REG/AUD;	3 credits
0101	M.....7:00pm- 9:45pm (TWS 0135)	Gaines, R
SPCH798 (PermReq)	Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.	1-3 credits
SPCH799	Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.	1-6 credits

---

STAT Statistics and Probability (Comp, Math, & Phys Sci)

STAT100	Elementary Statistics and Probability; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: MATH 110 or exemption from MATH 110 by a satisfactory score on a departmental placement examination. Not open to students who have completed MATH 111 or any MATH or STAT course with a prerequisite of MATH 141. Credit will be given for only one of the two courses STAT 100 and MATH 111.	3 credits
0101	MWF.....11:00am-11:50am (MTH 0307)	STAFF
0201	MWF.....12:00pm-12:50pm (MTH 0307)	STAFF
0301	MWF.....1:00pm- 1:50pm (MTH 0307)	STAFF
0401	MWF.....2:00pm- 2:50pm (MTH 0307)	STAFF
0501	TuTh.....11:00am-12:15pm (MTH 1311)	STAFF
0601	TuTh.....12:30pm- 1:45pm (MTH 1311)	STAFF
STAT400	Applied Probability and Statistics I; Grade Method: REG/P-F/AUD; Prerequisite: MATH 141. Not open to MATH grad students. Section 0701 is designed for engineering students, stressing applications and techniques from chemical, civil and mechanical engineering.	3 credits
0101	MWF.....10:00am-10:50am (MTH 0105)	STAFF
0201	MWF.....11:00am-11:50am (MTH 1313)	Syski, R
0301	MWF.....12:00pm-12:50pm (MTH 0104)	Auslander, J
0401	MWF.....2:00pm- 2:50pm (MTH 0403)	Pascuas, D
0501	TuTh.....11:00am-12:15pm (MTH 0401)	Mikulski, P
0601	TuTh.....12:30pm- 1:45pm (CLB 0111)	Edmundson, H
0701	TuTh.....2:00pm- 3:15pm (MTH 0103)	Lee, T
STAT401	Applied Probability and Statistics II; Grade Method: REG/P-F/AUD; Prerequisite: STAT 400. Not open to MATH grad students.	3 credits
0101	MWF.....2:00pm- 2:50pm (MTH 0107)	Wei, C
STAT410	Introduction to Probability Theory; Grade Method: REG/P-F/AUD; Prerequisite: MATH 240; and MATH 241.	3 credits
0101	MWF.....9:00am- 9:50am (MTH 0107)	Syski, R
STAT420	Introduction to Statistics; Grade Method: REG/P-F/AUD; Prerequisite: STAT 410 or equivalent.	3 credits
0101	TuTh.....2:00pm- 3:15pm (MTH 0411)	Mikulski, P
STAT450	Regression and Analysis of Variance; Grade Method: REG/P-F/AUD; Prerequisite: STAT 401 or STAT 420.	3 credits
0101	TuTh.....5:00pm- 6:15pm (MTH 0307)	STAFF
STAT464	Introduction to Biostatistics; Grade Method: REG/P-F/AUD; Prerequisite: One semester of calculus. 56 semester hours. Junior standing.	3 credits
0101	MWF.....2:00pm- 2:50pm (MTH B0421)	Fakre-Zakeri, I
STAT498A	Selected Topics in Statistics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.	1-6 credits
STAT601	Probability Theory II; Grade Method: REG/AUD; Prerequisite: STAT 600.	3 credits
0101	TuTh.....9:30am-10:45am (MTH 0107)	Kedem, B
STAT611	Stochastic Processes II; Grade Method: REG/AUD; Prerequisite: STAT 601.	3 credits
0101	MWF.....11:00am-11:50am (MTH 0301)	Slud, E
STAT650	Applied Stochastic Processes; Grade Method: REG/AUD; Prerequisite: STAT 410 or MATH 410 with one semester of probability.	3 credits
0101	TuTh.....5:00pm- 6:15pm (MTH 0306)	Yang, G
STAT698A	Selected Topics in Probability; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.	1-4 credits
STAT698S	Selected Topics in Probability: Stochastic Differential Equations; Grade Method: REG/AUD;	3 credits
0901	TuTh.....12:30pm- 1:45pm (MTH 0301)	Freidlin, M
STAT701	Mathematical Statistics II; Grade Method: REG/AUD; Prerequisite: STAT 700 or equivalent.	3 credits
0101	MW.....5:00pm- 6:15pm (MTH 0307)	Fakre-Zakeri, I
STAT770	Analysis of Categorical Data; Grade Method: REG/AUD; Prerequisite: STAT 420, STAT 450 and some knowledge of FORTRAN.	3 credits
0101	MWF.....10:00am-10:50am (MTH B0431)	Smith, P
STAT798A	Selected Topics in Statistics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.	1-4 credits
STAT798I	Selected Topics in Statistics: Information Theory and Statistics; Grade Method: REG/AUD;	3 credits
0101	TuTh.....3:00pm- 5:00pm (EGR 0110)	STAFF
STAT798S	Selected Topics in Statistics: Semiparametric Models; Grade Method: REG/AUD;	3 credits
0901	TuTh.....2:00pm- 3:15pm (MTH 0107)	Kagan, A
STAT799	Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.	1-6 credits
STAT899	Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.	1-8 credits

---

TEXT Textiles (Human Ecology)

TEXT105	Introduction to Textiles; Grade Method: REG/P-F/AUD;	3 credits
0101	MWF.....11:00am-11:50am (MMH 1400)	Wachter, K
TEXT205	Textile Materials and Performance; Grade Method: REG/P-F/AUD; Prerequisite: TEXT 105. Recommended: prior or concurrent registration in CHEM 103.	3 credits
0101	TuTh.....11:00am-12:15pm (MMH 1400)	STAFF
	M.....10:00am-12:00pm (MMH 2401) LAB	
0102	TuTh.....11:00am-12:15pm (MMH 1400)	STAFF
	Tu.....1:00pm- 3:00pm (MMH 2401) LAB	
0103	TuTh.....11:00am-12:15pm (MMH 1400)	STAFF
	W.....10:00am-12:00pm (MMH 2401) LAB	
0104	TuTh.....11:00am-12:15pm (MMH 1400)	STAFF
	Th.....1:00pm- 3:00pm (MMH 2401) LAB	
TEXT221	Apparel I; Grade Method: REG/P-F/AUD; Attendance in laboratory is required. Limited to majors. Section 0103 is recommended for I303A majors and I303B and I303E majors who want more advanced laboratory experience. Students with no background in apparel design are advised not to take this section.	3 credits
0101	MW.....10:00am-10:50am (MMH 1304)	Wehrle, E
	W.....11:00am- 2:00pm (MMH 2208) LAB	
0102	MW.....10:00am-10:50am (MMH 1304)	Wehrle, E
	Tu.....8:00am-11:00am (MMH 2208) LAB	
0103	MW.....10:00am-10:50am (MMH 1304)	Wehrle, E
	Th.....8:00am-11:00am (MMH 2208) LAB	
0104	MW.....10:00am-10:50am (MMH 1304)	Wehrle, E
	Th.....11:00am- 2:00pm (MMH 2208) LAB	
TEXT235 (PermReq)	Computer Applications in Textiles; Grade Method: REG/AUD; For TEXT majors only.	3 credits
0101	MW.....11:00am-11:50am (MMH 2212)	Pourdeyhimi, B
	F.....11:00am-12:50pm (MMH 2212) LAB	
TEXT305	Textile Materials: Evaluation and Characterization; Grade Method: REG/P-F/AUD; Prerequisite: TEXT 205.	3 credits
0101	MW.....1:00pm- 1:50pm (MMH 0108)	STAFF
	M.....2:00pm- 4:30pm (MMH 2201) LAB	
0102	MW.....1:00pm- 1:50pm (MMH 0108)	STAFF
	W.....2:00pm- 4:30pm (MMH 2201) LAB	
0103	MW.....1:00pm- 1:50pm (MMH 0108)	STAFF
	F.....1:00pm- 3:30pm (MMH 2201) LAB	
0104	MW.....1:00pm- 1:50pm (MMH 0108)	STAFF
	Tu.....2:00pm- 4:30pm (MMH 2201) LAB	
TEXT347	History of Costume II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement;	3 credits
0101	TuTh.....9:30am-10:45am (MMH 0108)	Paoletti, J
TEXT355	Textile Furnishings; Grade Method: REG/P-F/AUD; Prerequisite: TEXT 205.	3 credits
0101	MWF.....10:00am-10:50am (MMH 1400)	Spivak, S
TEXT363	History of Textiles; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement;	3 credits
0101	TuTh.....12:30pm- 1:45pm (MMH 1304)	Jung, K
TEXT365 (PermReq)	Fashion Merchandising; Grade Method: REG/P-F/AUD; Prerequisite: permission of department. Limited to juniors and seniors.	3 credits
0101	MWF.....11:00am-11:50am (MMH 1304)	Wagner, J
TEXT375	Economics of the Textile and Apparel Industry; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201; and ECON 203.	3 credits
0101	TuTh.....2:00pm- 3:15pm (MMH 0108)	Zhang, Z
TEXT385 (PermReq)	Junior Honors Seminar; Grade Method: S-F; Junior standing in departmental honors program. Majors only.	1 credit
0101	Time and room to be arranged	Wagner, J
TEXT388 (PermReq)	Field Work and Analysis in Textiles; Grade Method: S-F; Limited to majors in textiles and consumer economics.	3-12 credits
0101	Time and room to be arranged	Wagner, J
TEXT400	Research Methods; Grade Method: REG/P-F/AUD; Prerequisite: MATH 110 or MATH 115. Not open to students who have completed CNEC 400 or BMGT 230.	3 credits
0101	TuTh.....9:30am-10:45am (MMH 1304)	Verma, S
TEXT425	Advanced Apparel Design; Grade Method: REG/P-F/AUD; Prerequisites: APDS 101 or ARTT 100; TEXT 305 and TEXT 222. Laboratory attendance is required.	3 credits
0101	MW.....8:00am-11:00am (MMH 2208) LAB	Anderson, C
TEXT430	Portfolio Presentation; Grade Method: REG/P-F/AUD; Prerequisites: [TEXT 420; and TEXT 425] or permission of department. Senior standing. For TEXT majors only. Offered previoulsy as TEXT 498A.	3 credits
0101	MW.....2:00pm- 5:00pm (MMH 2208)	Anderson, C
TEXT435 (PermReq)	Woven Fabric Structures and Design; Grade Method: REG/P-F/AUD; Prerequisite: TEXT 235. Senior standing. For TEXT majors only. Limited to jouniors and seniors in Textile and Consumer Economics.	3 credits
0101	TuTh.....3:30pm- 6:00pm (MMH 2212)	Block, I
TEXT441	Clothing and Human Behavior; Grade Method: REG/P-F/AUD; Prerequisites: PSYC 100; and SOCY 100.	3 credits
0101	MWF.....11:00am-11:50am (MMH 0108)	Hacklander, E
TEXT454	Textile Science: Finishes; Grade Method: REG/P-F/AUD; Prerequisite: TEXT 452 or permission of department.	3 credits
0101	TuTh.....9:30am-10:30am (MMH 2201)	Yeh, K
	TuTh.....10:30am-12:30pm (MMH 2201) LAB	
TEXT470	Textile and Apparel Marketing; Grade Method: REG/AUD; Prerequisite: BMGT 350 or permission of department.	3 credits
0101	TuTh.....11:00am-12:15pm (MMH 1304)	Wagner, J
TEXT488 (PermReq)	Senior Honors Thesis; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Limited to students in the departmental honors program.	1-4 credits
TEXT498 (PermReq)	Special Studies; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.	2-4 credits
TEXT498B	Special Studies: Computer-Simulated Merchandising; Grade Method: REG/P-F/AUD; Prerequisite: TEXT 365.	3 credits
0101	TuTh.....12:30pm- 1:45pm (MMH 1314)	Eckman, M

THET Theatre (Arts and Humanities)

(See also RTVF and SPCH)

THET110	Introduction to the Theatre; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement;	3 credits
0101	TuTh.....11:00am-12:15pm (SHM 2101)	Tocci, M
0201	MWF.....12:00pm-12:50pm (SHM 2101)	Mundy, F
0301	MWF.....1:00pm- 1:50pm (SHM 2101)	O'Hara, M
0401	TuTh.....9:30am-10:45am (SHM 2101)	Housley, H
0501	MWF.....2:00pm- 2:50pm (SHM 2101)	O'Hara, M
0601	MWF.....11:00am-11:50am (SHM 2101)	Mundy, F
THET111	Making Theatre: Art and Scholarship; Grade Method: REG/P-F/AUD;	3 credits
0101	MWF.....9:00am- 9:50am (TWS 0131)	Schuler, C
THET120 (PermReq)	Acting I; Grade Method: REG/P-F/AUD; Prerequisites: THET 110; and THET 111 or permission of department. Students must contact department before registration for appropriate section.	3 credits
0101	TuTh.....11:00am- 1:00pm (TWS 1228)	Housley, H
	TuTh.....11:00am- 1:00pm (TWS 1228) LAB	
0102	TuTh.....1:00pm- 3:00pm (TWS 1228)	Powichroski, N
	TuTh.....1:00pm- 3:00pm (TWS 1228) LAB	
0103	TuTh.....3:00pm- 5:00pm (TWS 1228)	Lancaster, M
	TuTh.....3:00pm- 5:00pm (TWS 1228) LAB	
THET170	Stagecraft; Grade Method: REG/P-F/AUD; Prerequisites: THET 110; and THET 111.	3 credits
0101	TuTh.....11:00am-12:00pm (TWS 0241)	Kriebs, D
	M.....1:00pm- 4:00pm (TWS 0231) LAB	
0102	TuTh.....11:00am-12:00pm (TWS 0241)	Kriebs, D
	Tu.....1:00pm- 4:00pm (TWS 0231) LAB	
0103	TuTh.....11:00am-12:00pm (TWS 0241)	Kriebs, D
	W.....1:00pm- 4:00pm (TWS 0231) LAB	
0104	TuTh.....11:00am-12:00pm (TWS 0241)	Kriebs, D
	Th.....1:00pm- 4:00pm (TWS 0231) LAB	
THET221 (PermReq)	Speech For the Stage; Grade Method: REG/P-F/AUD;	3 credits
0101	MW.....1:00pm- 2:50pm (TWS 1228) LAB	Ufema, K
THET310	The American Theatre; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement;	3 credits
0101	MWF.....10:00am-10:50am (JMZ 0220)	Oleary, R
THET320 (PermReq)	Acting II; Grade Method: REG; Prerequisites: THET 120 and THET 221 and permission of department. May be taken concurrently with THET 221.	3 credits
0101	TuTh.....9:00am-10:50am (TWS 0241)	Patrick, M
THET330 (PermReq)	Play Directing I; Grade Method: REG/P-F/AUD; Prerequisites: THET 120; and THET 170; and permission of department.	3 credits
0101	TuTh.....3:00pm- 4:50pm (TWS 0241) LAB	Ufema, K
THET375	Scenic Design I; Grade Method: REG/P-F/AUD; Prerequisite: permission of department. Design-oriented theatre majors are expected to also have credit for THET 273.	3 credits
0101	MW.....1:00pm- 2:50pm (TWS 1218)	Stowe, L
THET386 (PermReq)	Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.	1-3 credits
THET387 (PermReq)	Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.	1-3 credits
THET420 (PermReq)	Acting III; Grade Method: REG; Prerequisites: THET 120; and THET 221; and THET 320; and permission of department.. Required to audition for spring production.	3 credits
0101	MW.....9:00am-10:50am (TWS 0241)	Patrick, M
THET429 (PermReq)	Actor's Studio; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number.	1-3 credits
THET430 (PermReq)	Play Directing II; Grade Method: REG/P-F/AUD; Prerequisite: THET 330 or permission of department. Prerequisite: THET 330.	3 credits
0101	MW.....3:00pm- 5:00pm (TWS 0241)	Oleary, R
THET461	Theatre Management II; Grade Method: REG; Prerequisite: THET 460 or permission of department.	3 credits
0101	TuTh.....9:30am-10:45am (TWS 2230)	Patterson, W
THET475 (PermReq)	Stage Decor; Grade Method: REG/P-F/AUD; Prerequisite: THET 170 or permission of department.	3 credits
0101	MW.....10:00am-11:50am (TWS 1218)	Stowe, L
THET476 (PermReq)	Lighting Design I; Grade Method: REG/P-F/AUD; Prerequisites: THET 170; and permission of department. Recommended: THET 273.	3 credits
0101	TuTh.....1:00pm- 3:00pm (TWS 0241) Time and room to be arranged LAB	Coleman, D
THET477 (PermReq)	Lighting Design II; Grade Method: REG/P-F/AUD; Prerequisites: THET 476; and permission of department.	3 credits
0101	TuTh.....3:00pm- 4:50pm (TWS 1218)	Coleman, D
THET479 (PermReq)	Theater Workshop; Grade Method: REG/P-F/AUD;	1-3 credits
0101	Time and room to be arranged	Kriebs, D
0201	Time and room to be arranged	Donnelly, D
0301	Time and room to be arranged	Stowe, L
0401	Time and room to be arranged	Coleman, D
THET481 (PermReq)	Stage Costume History and Design II; Grade Method: REG/P-F/AUD; Prerequisites: THET 480; and permission of department.	3 credits
0101	TuTh.....9:00am-11:00am (TWS 1218)	Donnelly, D
THET487 (PermReq)	Stage Costume Construction II; Grade Method: REG/P-F/AUD; Prerequisite: permission of department.	3 credits
0101	TuTh.....2:00pm- 3:50pm (TWS B0230D)	Donnelly, D
THET491	History of the Theatre II; Grade Method: REG/P-F/AUD;	3 credits
0101	MWF.....11:00am-11:50am (ASY 3221)	Schuler, C
THET495	History of Theatrical Theory and Criticism; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement;	3 credits
0101	TuTh.....11:00am-12:15pm (TWS 1204)	STAFF
0201	TuTh.....9:30am-10:45am (TWS 2212)	Elam, H
THET499 (PermReq)	Independent Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.	3 credits
THET499A	Independent Study: Black Theatre Esthetics; Grade Method: REG/AUD;	3 credits
0101	Tu.....4:00pm- 6:40pm (TWS 0135)	Elam, H
THET499B (PermReq)	Independent Study: Advanced Stagecraft; Grade Method: REG;	3 credits
0101	TuTh.....9:00am-10:50am (TWS 0135)	Kriebs, D

THET604 Development of Theatricalisms; Grade Method: REG; 3 credits
0101 Th.....4:00pm- 6:30pm (TWS 1202) Meersman, R

THET669 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

THET675 (PermReq) Theory of Visual Design in Lighting; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Coleman, D

THET681 (PermReq) Theory of Visual Design in Costuming; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Huang, H

THET688 Special Problems in Drama: Black Theatre Esthetics; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:40pm (TWS 0135) Elam, H

THET788 (PermReq) Master's Tutorial; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

THET789 (PermReq) Master's Practicum; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

THET799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

---

TXCE Textiles and Consumer Economics (Human Ecology)

TXCE600 Research Methods; Grade Method: REG/AUD; Prerequisite: basic course in statistics. 3 credits
0101 TuTh.....4:00pm- 5:15pm (MMH 0108) Mokhtari, M

TXCE608 (PermReq) Special Problems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

TXCE612 Economics of the Family; Grade Method: REG/AUD; Prerequisite: ECON 406 or equivalent. 3 credits
0101 Time and room to be arranged Whittington, L

TXCE638B Advanced Topics in Consumer Economics: Products Liability; Grade Method: REG; 3 credits
0101 M.....5:00pm- 7:30pm (Arranged) Brannigan, V

TXCE662 Finishes and Finish Application; Grade Method: REG/AUD; Prerequisite: TXCE 660 or permission of department. 3 credits
0101 TuTh.....9:30am-10:30am (MMH 2201)
TuTh.....10:30am-12:30pm (MMH 2201) LAB Yeh, K

TXCE671 Mechanical and Thermal Properties; Grade Method: REG/AUD; Prerequisite: TEXT 305 or permission of department. 3 credits
0101 W.....5:00pm- 9:00pm (MMH 2201) Pourdeyhimi, B

TXCE699 Research Seminar; Grade Method: S-F; 1 credit
0101 M.....4:00pm- 4:50pm (MMH 1304) Smith, B

TXCE789 (PermReq) Non-Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

TXCE799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

TXCE899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

UMEI Maryland English Institute (Arts and Humanities)

UMEI001 (PermReq) English as a Foreign Language: Beginning; Grade Method: S-F; See Director, UMEI, 1104 Preinkert. Student not permitted to enroll in any other work. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. No credit
0101 Time and room to be arranged STAFF

UMEI002 (PermReq) English as a Foreign Language: Intermediate I; Grade Method: S-F; See Director, UMEI, 1104 Preinkert. Student not permitted to enroll in any other course work. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. No credit
0101 Time and room to be arranged STAFF

UMEI003 (PermReq) English as a Foreign Language: Intermediate II; Grade Method: S-F; See Director, UMEI, 1104 Preinkert. Student not permitted to enroll in any other course work. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes. No credit
0101 MWF.....11:00am-12:00pm (JRN 1103) STAFF
TuTh.....11:00am-12:00pm (JMZ 0202)

UMEI004 (PermReq) English as a Foreign Language: Intermediate III; Grade Method: S-F; See Director, UMEI, 1104 Preinkert. Student not permitted to enroll in any other course work. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes. No credit
0101 MWF.....10:00am-10:50am (ARM 0108) STAFF
TuTh.....10:00am-12:00pm (JMZ 1124)

UMEI005 (PermReq) Advanced English as a Foreign Language; Grade Method: S-F; See Director, UMEI, 1104 Preinkert. Undergraduate student also required to enroll in two courses not to exceed eight hours. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is charged for this course. See financial section in Schedule of Classes. 6 credits
0101 MWF.....9:00am-11:00am (JMZ 0202) STAFF
TuTh.....9:00am-11:00am (EDU 1203)
0301 MWF.....10:00am-12:00pm (ARC 1123) STAFF
TuTh.....10:00am-12:00pm (ARC 1121)
0401 MTuWThF....1:00pm- 3:00pm (JMZ 1124) STAFF

UMEI006 English Pronunciation; Grade Method: S-F; This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is charged for this course. See financial section in Schedule of Classes. 1 credit
0101 W.....3:00pm- 5:00pm (JMZ 2123) STAFF
0201 W.....10:00am-12:00pm (EDU 1315) STAFF

UMEI008 (PermReq) Advanced Oral Communication Skills; Grade Method: S-F; See Director, UMEI, 1104 Preinkert. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. 1 credit
0101 TuTh.....1:00pm- 3:00pm (JMZ 0202) STAFF

URBS Institute for Urban Studies (Behavior & Social Sci)

URBS100 Introduction to Urban Studies; Grade Method: REG/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 1201) Mintz, S

URBS210 Behavioral and Social Dimensions of the Urban Community; Grade Method: REG/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....9:30am-10:45am (LEF 2208) Mintz, S
0201 MWF.....12:00pm-12:50pm (LEF 2166) Chang, W

URBS220 Environmental and Technological Dimensions of the Urban Community; Grade Method: REG/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 W.....4:00pm- 6:45pm (LEF 2166) Christian, C
0201 M.....2:00pm- 4:45pm (ASY 3221) Werlin, H

URBS397H (PermReq) Honors Independent Reading; Grade Method: REG; Prerequisite: admission to honors program in URBS or other departments. 3 credits
0101 Time and room to be arranged Hula, R

URBS399I (PermReq) Independent Study in Urban Topics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

URBS410 The Development of the American City; Grade Method: REG/AUD; 3 credits
0101 M.....4:30pm- 7:00pm (JMZ 0220) Levin, M

URBS438 (PermReq) Urban Internship; Grade Method: REG; See instructor for group seminar dates. 1-6 credits
0101 TuTh.....1:00pm- 3:00pm (LEF 1210) STAFF

URBS440 City and Regional Economic Development; Grade Method: REG/AUD; Prerequisite: URBS 210 and ECON 105, or ECON 201, or ECON 205. 3 credits
0101 TuTh.....11:00am-12:15pm (COL 3109) Giloth, R

URBS488E Selected Topics in Urban Studies: Human Behavior and Physical Environment; Grade Method: REG; 3 credits
0101 Tu.....5:30pm- 8:10pm (LEF 1221) Brower, S

URBS488X Selected Topics in Urban Studies: Urban Problem Seminar; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (ARC 1123) Fogle, D

URBS499H Honors Thesis; Grade Method: REG; Prerequisite: admissions to honors program in URBS or other departments. 3 credits
0101 Time and room to be arranged Hula, R

URBS601 Urban Research Methods: Multivariate Statistics; Grade Method: REG/AUD; Prerequisite: URBS 350 or equivalent. 3 credits
0101 W.....6:30pm- 9:10pm (LEF 1220) Chang, W

URBS640 Urban Demography; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:45pm (LEF 1221) Christian, C

URBS660 Function and Structure of Metropolitan Areas; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:40pm (LEF 1208) Howland, M

URBS666 (PermReq) Urban Management: Personnel, Budgeting and Planning; Grade Method: REG/AUD; Prerequisite: URBS 470 or permission of department. Prerequisites: URBS 488M or URBS 670 or permission of instructor. 3 credits
0101 Tu.....6:30pm- 9:10pm (LEF 1201) Levin, M

URBS688E Recent Developments in Urban Studies: Human Behavior and the Physical Environment; Grade Method: REG; 3 credits
0101 Tu.....6:30pm- 8:10pm (LEF 1221) Brower, S

URBS688F (PermReq) Recent Developments in Urban Studies: Planning Field Instruction; Grade Method: REG/AUD; This course is being offered at Baltimore (UMAB). 3 credits
0101 W.....3:00pm- 5:00pm (Arranged) Baum, H

URBS688X Recent Developments in Urban Studies: Urban Problem Seminar; Grade Method: REG/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (ARC 1123) Fogle, D

URBS689 (PermReq) Internship Seminar; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. See instructor for group seminar dates. Concurrent registration with URBS 698A possible. 3-6 credits

URBS691 Politics and Planning; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:30pm (LEF 1222) Baum, H

URBS698A (PermReq) Independent Study in Urban Topics; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Concurrent registration with URBS 689 is possible. See instructor for group seminar dates. 3 credits

URBS799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

---

WMST Women's Studies (Arts and Humanities)

Both WMST 200 and 250 serve as introductory courses for WMST and are required before taking any other course with a WMST prefix.

WMST200 Introduction to Women's Studies: Women and Society; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; A discussion hour will be added to the Tuesday/Thursday section. 3 credits
0101 MWF.....10:00am-10:50am (HBK 0117) Zingo, M
0201 TuTh.....1:00pm- 1:50pm (HBK 0117) Bolles, L
Time and room to be arranged DIS

See note before WMST 200.

WMST250 Introduction to Women's Studies: Women, Art and Culture; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....10:00am-10:50am (COL 0104) Rosenfeld, D
0201 TuTh.....11:00am-11:50am (HBK 0125) Pratt, M
Time and room to be arranged DIS

WMST350 (PermReq) Feminist Education Practicum; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of department. Corequisite: WMST 351. 3 credits

WMST351 (PermReq) Feminist Education Analysis; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of department. Corequisite: WMST 350. 3 credits

WMST400 Theories of Feminism; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: WMST 200 or WMST 250. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 2283) Pratt, M
0201 MW.....4:00pm- 5:15pm (HBK 1116) Zingo, M

WMST498D Special Topics in Women's Studies: Women of the African Diaspora; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (HBK 1108) Bolles, L

WMST499 (PermReq) Independent Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: 3 hours of WMST, upperclass standing, and permission of instructor. 1-3 credits

WMST699 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: graduate student standing and permission of instructor. 1-3 credits

---

ZOOL Zoology (Life Sciences)

ZOOL101 Life in the Oceans; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: an introductory course in biological principles. 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 1240) Clark, E

ZOOL202 Human Anatomy and Physiology II; Grade Method: REG/P-F/AUD; Prerequisite: ZOOL 201 or permission of department. Professor-in-charge: Olek. Laboratory supervisor: Spalding. 4 credits
0101 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
M.....10:00am- 1:00pm (ZOP 0205) LAB
0102 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
M.....1:00pm- 4:00pm (ZOP 0205) LAB
0103 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
M.....4:00pm- 7:00pm (ZOP 0205) LAB
0104 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
Tu.....8:00am-11:00am (ZOP 0205) LAB
0105 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
Tu.....11:00am- 2:00pm (ZOP 0205) LAB
0106 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
Tu.....2:00pm- 5:00pm (ZOP 0205) LAB
0107 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
W.....10:00am- 1:00pm (ZOP 0205) LAB
0108 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
W.....1:00pm- 4:00pm (ZOP 0205) LAB
0109 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
Th.....8:00am-11:00am (ZOP 0205) LAB
0110 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
Th.....11:00am- 2:00pm (ZOP 0205) LAB
0111 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
Th.....2:00pm- 5:00pm (ZOP 0205) LAB
0112 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
F.....10:00am- 1:00pm (ZOP 0205) LAB

ZOOL210 Animal Diversity; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: BIOL 106. 4 credits
0101 TuTh.....9:30am-10:45am (ZOP 1240) Linder, H
M.....8:00am-11:00am (ZOP 0257) LAB
0102 TuTh.....9:30am-10:45am (ZOP 1240) Linder, H
M.....11:00am- 2:00pm (ZOP 0257) LAB
0103 TuTh.....9:30am-10:45am (ZOP 1240) Linder, H
M.....2:00pm- 5:00pm (ZOP 0257) LAB
0104 TuTh.....9:30am-10:45am (ZOP 1240) Linder, H
Tu.....11:00am- 2:00pm (ZOP 0257) LAB
0105 TuTh.....9:30am-10:45am (ZOP 1240) Linder, H
Tu.....2:00pm- 5:00pm (ZOP 0257) LAB
0106 TuTh.....9:30am-10:45am (ZOP 1240) Linder, H
W.....8:00am-11:00am (ZOP 0257) LAB
0107 TuTh.....9:30am-10:45am (ZOP 1240) Linder, H
W.....11:00am- 2:00pm (ZOP 0257) LAB
0108 TuTh.....9:30am-10:45am (ZOP 1240) Linder, H
W.....2:00pm- 5:00pm (ZOP 0257) LAB
0109 TuTh.....9:30am-10:45am (ZOP 1240) Linder, H
Th.....11:00am- 2:00pm (ZOP 0257) LAB

ZOOL211 Cell Biology and Physiology; Grade Method: REG/P-F/AUD; Prerequisites: BIOL 105; and CHEM 103. Professor-in-charge: Colombini. Lecturers: Prof. Levitan, Shapiro, Payne, Colombini. 4 credits
0101 MWF.....11:00am-11:50am (ZOP 1250) Colombini, M
M.....2:00pm- 5:00pm (ZOP 0283) LAB
0102 MWF.....11:00am-11:50am (ZOP 1250) Colombini, M
Tu.....9:00am-12:00pm (ZOP 0283) LAB
0103 MWF.....11:00am-11:50am (ZOP 1250) Colombini, M
Tu.....2:00pm- 5:00pm (ZOP 0283) LAB
0104 MWF.....11:00am-11:50am (ZOP 1250) Colombini, M
W.....2:00pm- 5:00pm (ZOP 0283) LAB
0105 MWF.....11:00am-11:50am (ZOP 1250) Colombini, M
Th.....9:00am-12:00pm (ZOP 0283) LAB
0106 MWF.....11:00am-11:50am (ZOP 1250) Colombini, M
Th.....2:00pm- 5:00pm (ZOP 0283) LAB
0107 MWF.....11:00am-11:50am (ZOP 1250) Colombini, M
W.....6:00pm- 9:00pm (ZOP 0283) LAB
0108 MWF.....11:00am-11:50am (ZOP 1250) Colombini, M
F.....2:00pm- 5:00pm (ZOP 0283) LAB

ZOOL213 Genetics; Grade Method: REG/P-F/AUD; Prerequisite: BIOL 105 and one year of college chemistry. Credit will be granted for only one of the following: ZOOL 213, ANSC 201, BOTN 414, HORT 274. 4 credits
0101 MWF.....9:00am- 9:50am (ZOP 1250) Imberski, R
M.....1:00pm- 4:00pm (ZOP 0201) LAB
0102 MWF.....9:00am- 9:50am (ZOP 1250) Imberski, R
Tu.....9:00am-12:00pm (ZOP 0201) LAB
0103 MWF.....9:00am- 9:50am (ZOP 1250) Imberski, R
Tu.....1:00pm- 4:00pm (ZOP 0201) LAB
0104 MWF.....9:00am- 9:50am (ZOP 1250) Imberski, R
W.....1:00pm- 4:00pm (ZOP 0201) LAB
0105 MWF.....9:00am- 9:50am (ZOP 1250) Imberski, R
Th.....9:00am-12:00pm (ZOP 0201) LAB
0106 MWF.....9:00am- 9:50am (ZOP 1250) Imberski, R
Th.....1:00pm- 4:00pm (ZOP 0201) LAB

ZOOL299 (PermReq) Supplemental Study in Zoology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ZOOL308H Honors Seminar; Grade Method: REG/P-F/AUD; See Prof. Levitan for day and time of seminar. Prerequisite: participation in honors program. 1 credit
0101 Time and room to be arranged Levitan, H

ZOOL309H (PermReq) Honors Independent Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: paticipation in honors program. 1-4 credits

ZOOL318H (PermReq) Honors Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: participation in honors program. 1-2 credits

ZOOL319 (PermReq) Special Problems in Zoology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: major in zoology or biological sciences, G.P.A. of 3.00 in biological sciences, consent of instructor. 1-2 credits

ZOOL328B Selected Topics in Zoology: Cell Biology; Grade Method: REG/P-F/AUD; Prerequisites; ZOOL 211 and ZOOL 213, CHEM 243 or CHEM 245, MATH 140 or MATH 220. Lectures of ZOOL 411 for undergraduate students. Graduate students register for ZOOL 708B. 3 credits
0101 MWF.....11:00am-11:50am (ZOP 1243) Goode, M

ZOOL328C Selected Topics in Zoology: Neurophysiology; Grade Method: REG/P-F/AUD; Lectures of ZOOL 421 for undergraduate students. Graduate students register for ZOOL 708C. Course will be co-taught by Anthony Olek and Richard Payne. 3 credits
3801 TuTh.....11:00am-12:15pm (ZOP 1243) Payne, R

ZOOL328K Selected Topics in Zoology: Zoo Biology; Grade Method: REG/P-F/AUD; Prerequisites: BIOL 105 and BIOL 106, ZOOL 210. This course intended for majors in zoology or other biological sciences. 3 credits
0101 TuTh.....5:00pm- 6:15pm (ZOP 1238) Kleiman, D

ZOOL328N Selected Topics in Zoology: Neuroethology; Grade Method: REG/P-F/AUD; Course will be co-taught by A.N. Popper and M.A. Ottinger. 2 credits
0101 TuTh.....8:00am- 8:50am (ZOP 1238) Ottinger, M

ZOOL328P Selected Topics in Zoology: Experimental 3 credits

Marine and Freshwater Ecology; Grade Method: REG/P-F/AUD;
0101 Time and room to be arranged — Palmer, M

Z00L328S Selected Topics in Zoology: Biology of Extinction and Conservation; Grade Method: REG/P-F/AUD; Prerequisite: BIOL 106 or equivalent or permission of instructor. — 3 credits
0101 MWF.....1:00pm- 1:50pm (Z0P 2283) — Dietz, J

Z00L328Z (PermReq) Selected Topics in Zoology: Field Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Cannot be used as credit toward the Z00L major requirements. — 1-3 credits

Z00L368 Laboratory Techniques in Behavioral Endocrinology; Grade Method: S-F; Prerequisite: Z00L 326. — 2 credits
0101 Time and room to be arranged LAB — Carter-Porges,

Z00L411 Cell Biology; Grade Method: REG/P-F/AUD; Prerequisites: [Z00L 211; and CHEM 233] or permission of department. — 4 credits
0101 MWF.....11:00am-11:50am (Z0P 1243) — Goode, M
M.....1:00pm- 5:00pm (Z0P 2271) LAB
0102 MWF.....11:00am-11:50am (Z0P 1243) — Goode, M
Tu.....1:00pm- 5:00pm (Z0P 2271) LAB

Z00L421 Neurophysiology; Grade Method: REG/P-F/AUD; Prerequisites: Z00L 211; and CHEM 233; and PHYS 122. Undergraduate students may enroll for lectures of course under Z00L 328C. Graduate students may enroll for lectures of course under Z00L 708C. Course co-taught by Anthony Olek and Richard Payne. — 4 credits
0101 TuTh.....11:00am-12:15pm (Z0P 1243) — Payne, R
Tu.....2:00pm- 5:00pm (Z0P 2223) LAB
0102 TuTh.....11:00am-12:15pm (Z0P 1243) — Payne, R
Th.....2:00pm- 5:00pm (Z0P 2223) LAB
0103 TuTh.....11:00am-12:15pm (Z0P 1243) — Payne, R
M.....2:00pm- 5:00pm (Z0P 2223) LAB

Z00L425 Computer Simulation and Modeling of Biological Systems; Grade Method: REG/P-F/AUD; Prerequisite: permission of department. Students will be expected to have a 300-400 level majors course in BCHM, BOTN, ENTM, MICB or Z00L, and one semester of calculus. — 4 credits
0101 TuTh.....9:30am-10:45am (Z0P 1208) — Levitan, H
Time and room to be arranged LAB

Z00L426 General Endocrinology; Grade Method: REG/P-F/AUD; Prerequisites: Z00L 211; and CHEM 233; and CHEM 243. Prerequisites: Z00L 211; and CHEM 233; and CHEM 243. — 3 credits
0101 TuTh.....8:00am- 9:15am (Z0P 1250) — Tamarkin, L

Z00L452 Recombinant DNA; Grade Method: REG/P-F/AUD; Prerequisite: Z00L 211 or Z00L 213 or MICB 380. — 3 credits
0101 TuTh.....9:30am-10:45am (Z0P 1250) — Shapiro, S

Z00L465 Behavioral Ecology; Grade Method: REG/P-F/AUD; Prerequisites: [BIOL 106 or Z00L 212]; and Z00L 213. — 4 credits
0101 MW.....3:30pm- 4:45pm (Z0P 1238) — Borgia, G
Th.....9:00am-12:00pm (Z0P 0275) LAB
0102 MW.....3:30pm- 4:45pm (Z0P 1238) — Borgia, G
F.....2:00pm- 5:00pm (Z0P 0275) LAB

Z00L468 Experimental Behavioral Endocrinology; Grade Method: REG/P-F/AUD; Prerequisite: Z00L 366. — 2 credits
0101 Time and room to be arranged LAB — Carter-Porges,

Z00L472 Protozoology; Grade Method: REG/P-F/AUD; Prerequisite: one year of biology. — 4 credits
0101 TuTh.....1:00pm- 1:50pm (Z0P 1236) — Small, E
TuTh.....2:00pm- 5:00pm (Z0P 0221) LAB

Z00L608O Zoology Seminar: Molecular and Cellular Biology; Grade Method: REG/AUD; — 1 credit
0101 W.....12:00pm-12:50pm (Z0P 1208) — STAFF

Z00L608P Zoology Seminar: Neurophysiology; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Payne, R

Z00L608Q Zoology Seminar: Protozoology; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Small, E

Z00L609 Special Problems in Zoology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

Z00L621 Comparative Physiology; Grade Method: REG/AUD; Prerequisites: one year of zoology and one year of organic chemistry, and one semester of physiology. — 4 credits
0101 MW.....10:00am-10:50am (Z0P 1238) — Pierce Jr, S
MW.....1:00pm- 4:00pm (Z0P 0263) LAB

Z00L627 Behavioral Endocrinology; Grade Method: REG/AUD; Prerequisite: Z00L 326 or Z00L 426. — 3 credits
0101 W.....1:00pm- 4:00pm (Arranged) — Carter-Porges,

Z00L640 Population Genetics; Grade Method: REG/AUD; Prerequisite: a course in genetics. — 4 credits
0101 TuTh.....9:30am-10:45am (Z0P 1234) — Highton, R
Time and room to be arranged LAB

Z00L642 Developmental Genetics; Grade Method: REG/AUD; Prerequisites: courses in molecular genetics and developmental biology or cell biology or permission of instructor. — 3 credits
0101 TuTh.....11:00am-12:15pm (Z0P 1234) — Imberski, R

Z00L670 Concepts in Animal Ecology; Grade Method: REG/AUD; Prerequisite: a course in ecology (Z00L 470 or equivalent). — 4 credits
0101 Tu.....1:30pm- 3:30pm (Z0P 1230) — Gill, D
Tu.....8:00am-11:00am (Z0P 1230) DIS

Z00L676 Behavioral Ecology; Grade Method: REG/AUD; Prerequisites: a course in ecology and a course in behavior, or permission of instructor. — 4 credits
0101 MW.....3:30pm- 4:45pm (Z0P 1238) — Borgia, G
Th.....9:00am-12:00pm (Z0P 0275) LAB
0102 MW.....3:30pm- 4:45pm (Z0P 1238) — Borgia, G
F.....2:00pm- 5:00pm (Z0P 0275) LAB

Z00L708B Advanced Topics in Zoology: Cell Biology; Grade Method: REG/AUD; Prerequisites: Z00L 211 and Z00L 213, CHEM 243 or CHEM 245, MATH 140 or MATH 220. Lectures of Z00L 411 for graduate students. Undergraduate students register for Z00L 328B. — 2 credits
0101 MWF.....11:00am-11:50am (Z0P 1243) — Goode, M

Z00L708C Advanced Topics in Zoology: Neurophysiology; Grade Method: REG/AUD; Lectures of Z00L 421. Graduate students register for Z00L 708C. Co-taught by A. Olek and R. Payne. — 3 credits
3801 TuTh.....11:00am-12:15pm (Z0P 1243) — Payne, R

Z00L708D Advanced Topics in Zoology: Recombinant DNA; Grade Method: REG/AUD; Advanced special students require department authorization. Prerequisites: Z00L 211 or Z00L 213 or permission of instructor. — 3 credits
0101 TuTh.....9:30am-10:45am (Z0P 1250) — Shapiro, S

Z00L708K Advanced Topics in Zoology: Zoo Biology; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....5:00pm- 6:15pm (Z0P 1238) — Kleiman, D

Z00L708M Advanced Topics in Zoology: Neuroethology; Grade Method: REG/AUD; — 2 credits
0101 TuTh.....8:00am- 8:50am (Z0P 1238) — Ottinger, M

Z00L708N (PermReq) Advanced Topics in Zoology: Membrane Physiology; Grade Method: REG/AUD; Advanced special students require department authorization. — 1 credit
3401 Time and room to be arranged — Colombini, M

Z00L708P Advanced Topics in Zoology: Experimental Marine and Freshwater Ecology; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged — Palmer, M

Z00L799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

Z00L899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

TENTATIVE SCHEDULE

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
8:00						
8:30						
9:00						
9:30						
10:00						
10:30						
11:00						
11:30						
12:00						
12:30						
1:00						
1:30						
2:00						
2:30						
3:00						
3:30						
4:00						
4:30						
5:00						

PLEASE RETAIN THIS SCHEDULE THROUGHOUT THE SEMESTER

TENTATIVE SCHEDULE

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
8:00						
8:30						
9:00						
9:30						
10:00						
10:30						
11:00						
11:30						
12:00						
12:30						
1:00						
1:30						
2:00						
2:30						
3:00						
3:30						
4:00						
4:30						
5:00						

PLEASE RETAIN THIS SCHEDULE THROUGHOUT THE SEMESTER

TENTATIVE SCHEDULE

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
8:00						
8:30						
9:00						
9:30						
10:00						
10:30						
11:00						
11:30						
12:00						
12:30						
1:00						
1:30						
2:00						
2:30						
3:00						
3:30						
4:00						
4:30						
5:00						

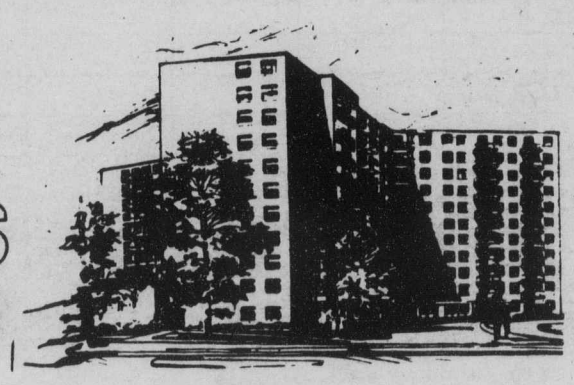
PLEASE RETAIN THIS SCHEDULE THROUGHOUT THE SEMESTER

Study in London

Take courses in the Humanities, Business, and Social Sciences designed for Americans. Also take a course with British students at a London polytechnic. Further experience London through field trips, individualized projects, and living with a British family or in a flat. Apply now for Fall Semester. Call or write:

Study Abroad Office
2109 Skinner Bldg.
University of Maryland
College Park, MD 20742
(301) 454-8645

plaza towers apartments



Science, Business or Humanities!

Regardless of your major, see the nine fun floor plans and study these exciting features:

- All Utilities Included.!
- A/C
- Cable T.V.
- Swimming Pool & Tennis Courts
- Gym
- Party Room
- Off-Street Parking
- 24-Hr. Front Desk Srvc.
- Metrobus & UM Shuttle Stop at Front Door

Efficiencies from $525, one-bedrooms from $590, and two- and three-bedrooms at comparable savings.

Rental Office: 6700 Belcrest Road
Hyattsville, Maryland
559-9100

Open Weekdays 9-5
Saturdays by Appointment

Directions: From Campus Drive, turn left on Adelphi Road. Continue one mile and make right on Belcrest Road. Follow to 6700.

Spring Into SUPC

Film

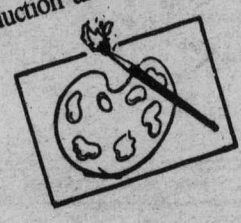
This committee assists the Hoff Theater in selecting films, as well as programming special films.

Cultural Events

This committee programs cultural events ranging from fine arts to the best travelogue series in the area.

Glass Onion Concerts

Organizes quality entertainment from national to regional acts and offers experience in concert production and promotion.



Visual Arts

This committee gives students a chance to express their creativity and experience the arts in the Union.

Issues and Answers

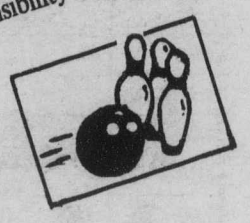
This committee brings prominent guest speakers to the Union and co-sponsors events with student organizations.

Outdoor Recreation

Is for people interested in such activities as canoeing, horseback riding, windsurfing, parachuting, etc.

Publicity and Promotions

This committee creates and presents an image of SUPC through recruitment, advertising and visibility.



Games and Tournaments

This committee provides competitively styled events for the University community.

Premier Productions

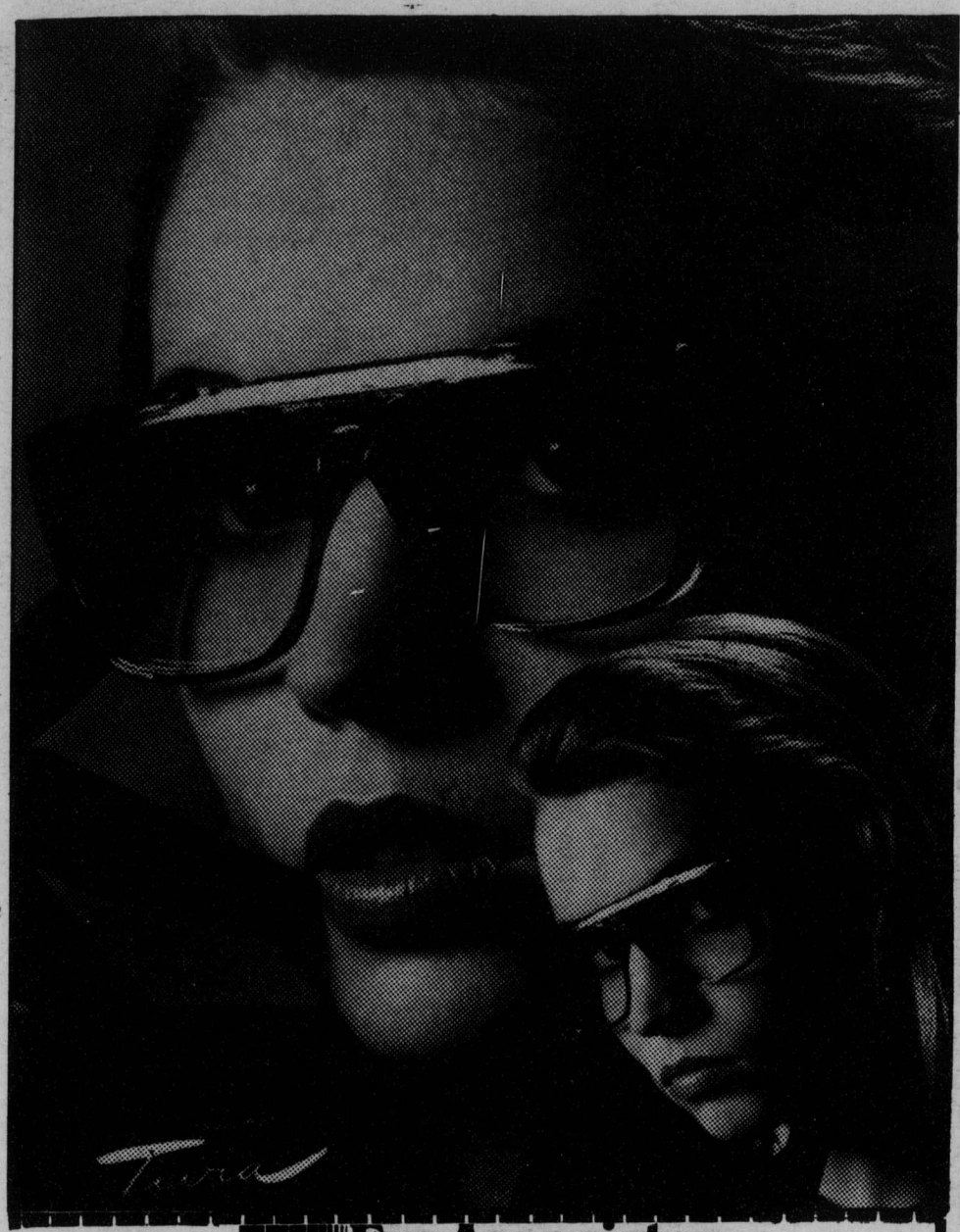
This committee sponsors and organizes events such as the Campus Criterium Bicycle Race.

SUPC
STAMP UNION PROGRAM COUNCIL

Come & join one of the 9 committees that make up the largest volunteer organization on campus as well as make a lot of new friends. There is something for everyone whether you're into putting on concerts or planning skydiving trips. Improve your skills and your resume by dealing with agents, working with the media, etc.
Check us out at the:

SUPC Open House

January 29th, 11 am-2 pm
Tortuga B, Stamp Student Union
Free Lunch



Eye Associates

Greenbelt
5701 Greenbelt Rd.
Berwyn Heights, MD 20740
345-2053 • 345-2054 TDD

$20.20 FASHION COUPON
off on a complete pair of fashion eyewear or contact lenses
Some restrictions may apply — ask for details

Norman Fine, O.D.
Beverly B. Miller, O.D.
Charles R. Mund, O.D.
Valerie B. Seligson, O.D.

DANTE'S PIZZA

Fast Free Delivery
Wicked Good Pizza

345-*FAST*

8147G Balt. Blvd. College Park, MD
In the Campus Village Shopping Center.
Sun-Thur 11am-1am Fri & Sat until 2am

TWO FREE TOPPINGS
Buy a large two-topping pizza for just
$7.95
Not valid with any other offer.

FREE SIX PACK
Buy a large one-topping pizza get a six pack of soda free.
Not valid with any other offer.

Copies Are Only One Reason To Come To kinko's copies

- Convenient Location
- Open 24 Hours Every Day
- Canon Laser Color Copies
- Macintosh® & LaserWriter® Rental
- FAX Service 24 Hours A Day
- Full Or Self Service Copies
- Complete Binding Service
- Passport Photos
- Resumes
- Word Processing

kinko's

4417 Hartwick Road
College Park
277-7543

In this Marine Corps officer's program, you follow your major before you follow ours.

A college major leaves you little time to minor in anything else. But let's say you have more than a passing interest in becoming an officer in the United States Marine Corps. How do you concentrate on your major before you devote your undivided attention to one of ours? Join the Marine Corps' PLC (Platoon Leaders Class) program. In the PLC program, all your training takes place in the summer, so your college studies take precedence during the school year.

Oh, you'll find our class is every bit as tough as anything you've encountered in the college classroom. (Probably tougher.) Pass, however, and not only have you assured yourself of a starting salary between $18,000 to $23,000 a year, but you may also be eligible for flight training. So, if you want to become an officer in the Marine Corps, but following your college major comes first, take a second to join the PLC program. And this summer you can change majors.

Marines
We're looking for a few good men.

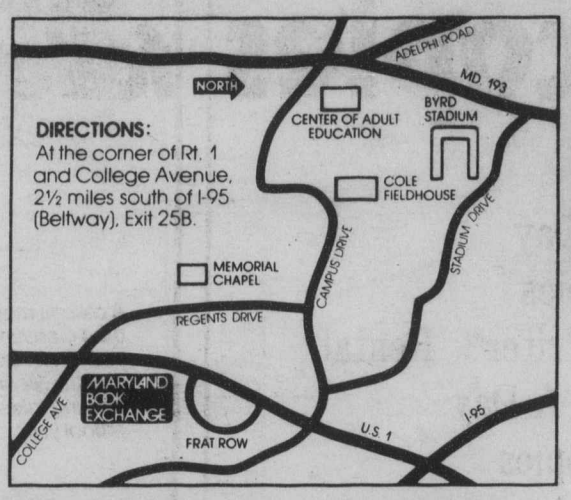
We're booked up for the New Year. Are you!

Save 25% On Used Textbooks!

You won't find a better selection anywhere! We'll book you up for the whole semester at fantastic savings. And remember you can always cash in your textbooks—wherever you bought them, we'll buy them back for cash.

For the area's largest in-stock selection of books on any subject, plus school supplies, art, drafting and engineering equipment, Terp sportswear and gifts, there's no place like Maryland Book Exchange!

Be sure to check our ad in the Diamondback for special late-evening hours: January 22nd-February 2nd!



Store Hours:
M–F 9am–6pm,
Sa 9am–5pm,
Su 12N–5pm

MARYLAND BOOK EXCHANGE

Washington area's only Department Store for Books.

At the corner of Rt. 1 and College Avenue, 2½ miles south of I-95 (Beltway), Exit 25B
4500 College Avenue,
College Park, MD 20740

927-2510

MasterCard VISA AMERICAN EXPRESS

54 YEARS 1936-1990